

## U.S. Department of Housing and Urban Development

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# Environmental Assessment Determinations and Compliance Findings for HUD-assisted Projects 24 CFR Part 58

#### **Project Information**

**Project Name:** Plaza de Recreo (PR-CRP-000742)

Responsible Entity: Puerto Rico Department of Housing

Grant Recipient (if different than Responsible Entity): Municipio de Sabana Grande

State/Local Identifier: Puerto Rico/Sabana Grande

Preparer: Genevieve Kaiser, Senior Environmental Planner/GIS Specialist, Tetra Tech, Inc,

Certifying Officer Name and Title: Juan Carlos Perez-Bofill - Director, Disaster Recovery CDBG-DR; Aldo Rivera – Director, Permits and Environmental Compliance; Angel G. López Guzmán - Deputy Director, Permits and Environmental Compliance; María T. Torres-Bregón - Permits and Environmental Compliance Manager; Sally Z. Acevedo-Cosme - Permits and Environmental Compliance Specialist; Pedro de León Rodriguez - Permits and Environmental Compliance Specialist; Ivelisse Lorenzo Torres - Permits and Environmental Compliance Specialist; Janette I. Cambrelen - Permits and Environmental Compliance Specialist; Limary Vélez Marrero - Permits and Environmental Compliance Specialist; Mónica Machuca Rios - Permits and Environmental Compliance Specialist; Javier Mercado-Barrera: Permits and Environmental Compliance Specialist

Consultant (if applicable): CVS Project Management & Consultant

**Direct Comments to:** Puerto Rico Department of Housing (environmentcdbg@vivienda.pr.gov)

**Project Location:** The northeast corner of PR-364 (Calle Angel G Martinez) and Betances

Street, Pueblo Ward, Sabana Grande, Puerto Rico

X: 144248.82077; Y: 227321.6477

Latitude: 18.07946027; Longitude: -66.95999815

Attachment B, #1 and #2

#### **Description of the Proposed Project** [24 CFR 50.12 & 58.32; 40 CFR 1508.25]:

The Municipality of Sabana Grande proposes the demolition and reconstruction of the "Plaza Pública José A. Busigo" within the same footprint. (See Plans in Attachment B, #3 and #4). The existing elements to be demolished, using the mechanical method, in this project area are:

- 1. sidewalks around the Plaza
- 2. parking lots (regular and handicapped parking lots), located on both sides of the catholic church
- 3. bench areas
- 4. platform (José Antonio Sepúlveda's pavilion).
- 5. concrete and ceramic floor slabs.
- 6. planters
- 7. ditches around the plaza
- 8. stairs and ramps for handicapped access to the Plaza.

All these elements will be rebuilt to current building codes and otherwise relocated.

The new design proposes a clean new and improved vision of the Plaza. These new elements include:

- 1. Improved, leveled sidewalks around the Plaza
- 2. Re-pavement and marking of parking spaces around the plaza on both sides of the Catholic church
- 3. New bench areas
- 4. A new platform
- 5. New concrete flooring at the plaza
- 6. New planters
- 7. Reconstruction and leveling of all curbs around the plaza
- 8. reconstruction of stairs accessing the plaza as well as handicap ramps into the sidewalks and plaza.
- 9. Construction of a new kiosk
- 10. Replacement of luminaries to use solar poles

The two existing monuments in the Plaza (Doña Monserrate Montalvo and El Soldado) will be removed prior to the beginning of the project, and once it is completed, they will be relocated back to the Plaza.

This project will not impact the San Isidro Labrador Catholic Church, including the steps leading up to it, nor the gardens on either side of the structure. Prior to any action, a protective fence will be established around the church so that demolition and construction work will not affect it. Temporary and safe access for its visitors will also be provided during project development.

The redistribution of space will improve the flow of people and the optimization of its areas to celebrate public activities for a greater number of people than it can currently accommodate. The redevelopment would include the sidewalk around the San Isidro Labrador Catholic Church and the existing floor of the Plaza. Attached to the Plaza de Recreo, is the Plaza de la Recordación, which was built and located to the south of the public square, this square is designed remembering

the old Vicente Soltero School that was located in that place and the front and side of it were in arches. This square has a set of architectural aspects and vegetation that are expected to be part of the new general design of the square, unifying its visual aspect.

Part of the project would be for the public plaza and the plaza of remembrance to come together to form an economic corridor. With the construction of the new pavilion, it is proposed to leave an open space on the wall on the west side to achieve an effect that the Church can be observed as a photo frame. One of the main functions of the temple is the celebration of the Petate Festival. Regarding the statues of the Petate Weaver and the Veterans Monument, they will not be removed from the Plaza and will form an integral part of the new design of the Recreation Plaza. Additionally, the Recreation Plaza will have a kiosk for the sale of natural juices, ice creams, and fruits.

The project would generate or sustain approximately 35 jobs during the construction phase (including direct, indirect and induced jobs), which will help the economy of the Municipality of Sabana Grande and neighboring towns.

Prior to demolition, an investigation of Asbestos containing material (ACM) and/or Lead-based paint (LBP) would be conducted. If the presence of these materials is found, they will be removed and disposed of in accordance with the plans approved by the Air Quality Division and/or the Toxic and Hazardous Solids Section of the Department of Natural and Environmental Resources (DNER), as the case may be.

#### **Statement of Purpose and Need for the Proposal** [40 CFR 1508.9(b)]:

The funds requested are for the demolition and reconstruction of the public plaza at the site of the existing Plaza Pública José A. Busigo property in Sabana Grande, which suffered damage during Hurricane Maria. If the project is not carried out, the municipality would lack a modern facility that improves the flow of visitors and provides areas for public events within the existing footprint. The project also would enhance economic activity in the urban area in Sabana Grande by providing for increased access and use and a concession kiosk.

#### Existing Conditions and Trends [24 CFR 58.40(a)]:

The project is currently outdated, not up to current building codes, and underused due to the damages caused by Hurricanes Maria and Fiona. It represents an area that does not make the best use of the property.

#### **Funding Information**

Grant Number	<b>HUD Program</b>	Funding Amount
B-17-DM-72-0001		
B-18-DP-72-0001	CDDC DB	11 029 162 220
B-19-DP-78-0002	CDBG-DR	11,938,162,230
B-18-DE-72-0001		

Estimated Total HUD Funded Amount: \$2,659,118.83

Project: Plaza de Recreo, Sabana Grande PR-CRP-000742

Date: December 5, 2024

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]: \$2,774,119.06

#### Compliance with 24 CFR 50.4, 58.5, and 58.6 Laws and Authorities

Record below the compliance or conformance determinations for each statute, executive order, or regulation. Provide credible, traceable, and supportive source documentation for each authority. Where applicable, complete the necessary reviews or consultations and obtain or note applicable permits of approvals. Clearly note citations, dates/names/titles of contacts, and page references. Attach additional documentation as appropriate.

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
STATUTES, EXECUTIVE OI & 58.6	RDERS, AND R	REGULATIONS LISTED AT 24 CFR 50.4
Airport Hazards  24 CFR Part 51 Subpart D	Yes No	The project site is not located within the 2,500 feet of civilian runway or 15,000 ft. of a military runway. The nearest civil airport is Eugenio María de Hostos in Mayagüez and is located at over 90,000 ft. Luis Munoz Marin Airport is the nearest military airport and is located approximately 361,000 northeast of the project site. Therefore, this topic complies with the regulation.  See Attachment A-1 and Attachment B-5
Coastal Barrier Resources  Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes No	Sabana Grande is not a coastal town. According to the US Fish and Wildlife Service Coastal Barrier Resources Mapper, the project is not located in any coastal barrier zone of Puerto Rico.  The nearest units are Bahía Montalva Unit PR-64P and Don Luis Unit PR-63P, both south of the project in the municipalities of Lajas and Guánica, RP-64 is the closest unit and is located at

			approximately 37,000 feet south of the project area. Therefore, this topic complies with the regulation.  See Attachments A-2, A-3, and B-6
Flood Insurance Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]	Yes	No 🔀	According to FEMA Flood Insurance Rate Map (FIRM) panel Number 72000C1580J, effective on November 18, 2009, the project site is in Zone X, area of minimal flood hazard, which outside of the floodplain. Therefore, the project complies with the regulation.  See Attachments A-4 and B-7
STATUTES, EXECUTIVE OF & 58.5	RDERS,	AND R	EGULATIONS LISTED AT 24 CFR 50.4
Clean Air Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93	Yes	No 🖂	According to the EPA's Green Book, the project site is not located in a non-attainment area. Therefore, this topic complies with the regulation.
			See Attachments A-5 and A-6
Coastal Zone Management Act, sections 307(c) & (d)	Yes	No 🔀	Sabana Grande is not a coastal town, so the project site is not located near any designated Coastal Zone or Coastal Zone Management. This information is obtained from the Puerto Rico Coastal Management Zone Program of the Department of Natural and Environmental Resources. The closest Coastal Zone is approximately 40,000 Feet south of the Project area. Therefore, this topic complies with the regulation.  See Attachments A-7, A-8, and B-8

Contonio di la		
Contamination and Toxic Substances  24 CFR Part 50.3(i) & 58.5(i)(2)	Yes No	HUD policy requires the project site and adjacent areas to be free of hazardous materials, contamination, toxic chemicals and gases, and radioactive substances where a hazard could affect health and safety of occupants of the property or conflict with intended use of the property.
		A Field Inspection completed on May 20, 2022, identified no Recognized Environmental Conditions (RECs) for the project. (See Attachment C for photographs.)
		According to EPA NEPAssist, no known hazardous materials, contamination, toxic chemicals, gases, and radioactive substances are on the project site. NEPAssist also found no superfund or brownfield sites at the project site.
		According to NEPAssist web tool, even though the project area is not within any contamination or toxic substances site, there are 7 EPA-listed facilities recorded within 3000 feet of the project area:
		1.The closest RCRA is a Shell Station (Shell SS 1740 located at G Martinez 2 approximately 30 feet south to the south-western limit of the Plaza de Recreo. The location of this station doesn't seem to be accurate since there is no gas station at the referred location as marked in the NEPAssist map. This is marked in Attachment 15 with a number 1.

- 2. RCRA PRASA Sabana Grande Filter Plant located at PR-364 Km.0.6 int. approximately 350 meters East to the project area
- 3. RCRA Total Petroleum Puerto Rico Corp-Service Station 310290 located at Francisco M. Quiñones Ave #32 approximately 253 meters South-East of the project area
- 4. RCRA Total Petroleum Puerto Rico Corp-Service Station 104302 located at Quilinchini Ave #26 approximately 500 meters South-West of the project area
- 5. TSCA Henkel Puerto Rico Inc located at Quilinchini Ave. #9 approximately 600 meters South-West of the Project Area.
- 6. RCRA- Sabana Grande Wastewater Treatment Plant at State Rd 2, KM 215, approximately 875 meters South-West of the project area.
- 7. RCRA- ESSO Standard Oil 370 at Carr 121 65th Infanteria 7, approximately 321meters South-West of the project area.

USEPA's Superfund, Envirofacts, and Enforcement and Compliance History Online (ECHO) reports were reviewed for more detailed information on statuses of these facilities. None of the RCRA sites have any releases reported or any EPA formal or informal action reported for the last three years in EPA's ECHO reports. The Henkel TSCA facility shows three years of reporting violations under the Clean Water Act. Due to distance and the project type, the violations would not affect the intended use of the property. These sites do not have any releases reported or any EPA formal or informal action reported for the last ffive years in EPA's Enforcement

		and Compliance History Online ECHO.  Prior to demolition, an investigation for asbestos containing material (ACM) and lead-based paint (LBP) would be conducted. If the presence of these materials is found, they will be removed and disposed of in accordance with the applicable laws and regulations.  The project will not involve residents or increase in occupancy of any structure. There would be no increase in risk associated with the proposed project. Radon would not be a considered a hazard for the project because the project includes no enclosed, occupied structures. Therefore, this topic complies with the regulation.  See Attachments A-9, A-10, B-9, and C
Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402	Yes No	Per the Official Species List from the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) website, the Rican Boa can be found in the area but there are no critical habitats at this location. The Project will have no potential to affect species or habitats due to the nature of the activities involved in the project. Based on the nature of the project, scope of work, information available, and a careful analysis of the Project Site, and IPaC species list, it was determined that there would be No Effect for any of the listed species. The proposed activities are covered by the USFWS Blanket Clearance Letter for Federally sponsored projects, Housing and Urban Development of January 14 of 2013, Items 5 and 8. A USFWS self-

		certification was prepared and signed on March 6, 2024, to indicate that the project would not likely adversely affect federally listed species. USFWS issued its concurrence in a document dated March 10, 2024.  If a Puerto Rican Boa is encountered, work will cease until it moves off the site or, failing that, the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers will be notified for safe capture and relocation of the animal, in accordance with the USFW Puerto Rican Boa Conservation Measures guidelines.  See Attachments A-11 and C
Explosive and Flammable Hazards  24 CFR Part 51 Subpart C	Yes No	This is a demolition, using mechanical methods (no explosives or flammable materials would be used in the demolition process), and reconstruction project on the same footprint and will remain a Plaza, as at present. There are and will be no aboveground storage tanks (ASTs) on the property; therefore, no exposure to any explosive or flammable hazards is foreseen. Therefore, this topic complies with the regulation.  See Attachment A-12
Farmlands Protection  Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658	Yes No	The site project is in a previously impacted area. It is not a prime farmland nor will the project result in the conversion of prime, unique, or state farmland therefore no protection is needed.

		Based on the Natural Resources Conservation Service Web Soil Survey Farmland Classification Mapping, the project site is not situated on farmland soils. It is located on soils classified as urban land.  See Attachments A-13 and B-10
Floodplain Management  Executive Order 11988, particularly section 2(a); 24 CFR Part 55	Yes No	The proposed project is not located in a Federal Flood Risk Management Standard (FFRMS) floodplain. The presence of the location in a FFRMS floodplain was assessed using the best available data and the FEMA-defined 0.2 Percent-Annual-Chance Floodplain Approach (0.2PFA). The project site is not within the 0.2 percent chance of flood, nor is there any hydrologic or hydraulic data to indicate the likelihood of flooding at the project site, according to FEMA Recommended Base Flood Level Maps (Advisory Maps), Map Number 72000C1580J with an effective date of April 13, 2018. The project is in compliance with Executive Order 11988 as amended by Executive Order 13690 and with Federal Flood Risk Management Standard (FFRMS), as determined by the 0.2-PFA method.
		See Aπachments A-14 and B-11
National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800	Yes No	In compliance with Section 106 of the National Historic Preservation Act (NHPA), the Program reviewed In compliance with Section 106 of the National Historic Preservation Act (NHPA), the Program reviewed and cultural resource surveys within a 0.5 miles radius of the project area to identify historic properties listed in the NRHP and any properties not listed that would be considered eligible for listing that are located within the geographic area of potential effects (APE) of the proposed project and assess the potential effects of its

undertakings on these historic properties.

The project area is within the boundaries of the National Register of Historic Places (NRHP)-eligible Traditional Urban Center of Sabana Grande and two blocks south of the Church San Isidro Labrador.

Additionally, there are four National Register-listed properties within the Quarter mile buffer zone from the plaza.

The proposed rehabilitation of the Plaza de Recreo project will not disturb either the church or its immediate surroundings (i.e, lateral gardens or access stair). Prior to any action, a protective fence would be established around the church so that demolition and construction work would not affect it. The project area will be monitored by an archaeologist during the process. Section 106 consultation process have been initiated with a preliminary No Adverse Effect determination. The determination and documentation were submitted to SHPO for approval on May 9, 2024. In its response dated June 7, 2024, SHPO indicated that it believes that the proposed undertaking meets the criteria of an adverse effect and that additional consultation is needed. The response stated that the Puerto Rico Department of Housing will need to consult further with the SHPO to develop and evaluate

		alternatives or modifications to the undertaking that could avoid, minimize or mitigate adverse effects on historic properties, as per 36 CFR § 800.6. On September 9, 2024, revised designs and an archaeology plan were submitted to SHPO. On September 13, 2024, SHPO acknowledged receipt of the submittal letter, updated design plans and archaeological monitoring plan and stated that the plan is deemed acceptable, and that SHPO concurs with its implementation.  The Project is in compliance with the National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800.  See Attachment A-15 and
Noise Abatement and Control  Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B	Yes No	Attachment C  The proposed project doesn't involve any noise sensitive uses. It's located more than 2,000 feet from a major roadway (PR-2); more than 17 miles from a civilian airport (Mayagüez) and more than 30 miles from a military airport (Borinquen in Aguadilla). Therefore, this topic complies with the regulation.  See Attachments A-16 and B-12
Sole Source Aquifers  Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149	Yes No	According to EPA NEPAssist, there are no sole source aquifers within a one-mile radius of the project. Furthermore, the Island of Puerto Rico has no designated Sole Source Aquifers. Accordingly, the Rehabilitation of the Plaza will not

		affect any Sole Source Aquifers. Therefore, this topic complies with the regulation.  See Attachments A-17, A-10, and B-13
Wetlands Protection  Executive Order 11990, particularly sections 2 and 5	Yes No	All work will be performed in the footprint of the existing Plaza and will not affect any water bodies or wetlands. This information was obtained from the revision of the Wetland Inventory Maps prepared by the U.S. Department of Interior, US Fish & Wildlife Service (FWS) and microfilmed by the United States Geological Survey (USGS) and confirmed on the site visits. Therefore, this topic complies with the regulation.  See Attachments A-18 and B-14
Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes No	The project site activities do not impact any of the three river segments in Puerto Rico designated as wild and scenic by the USFW National Wild and Scenic Rivers System. All these are located inside the El Yunque National Forest in the Municipality of Río Grande, which is approximately 74 miles to the North-East of the project area. Rio Icacos and Rio de la Mina are approximately 438,000 feet and Rio Mameyes is approximately 435,000 feet both North-East of the project area. Rio Mameyes, at its origin has two segments.  The closest river to the site project is the Río Grande which is 642 meters to the east, and is not in this category. Therefore, this topic complies with the regulation.

		See Attachments A-19, A-20, and B-15
ENVIRONMENTAL JUSTIC	EE	
Environmental Justice  Executive Order 12898	Yes No	Project site activities do not have disproportionately high and adverse human health or environmental effects on minority and low-income population, or on the surrounding populations or environment. On the contrary, the achievement of this project will be for the enjoyment of all the residents of the Municipality and its visitors to the extent that activities are carried out there, thus resulting in a positive impact. Therefore, this topic complies with the regulation.  See Attachment A-21

Environmental Assessment Factors [24 CFR 58.40; Ref. 40 CFR 1508.8 &1508.27] Recorded below is the qualitative and quantitative significance of the effects of the proposal on the character, features and resources of the project area. Each factor has been evaluated and documented, as appropriate and in proportion to its relevance to the proposed action. Verifiable source documentation has been provided and described in support of each determination, as appropriate. Credible, traceable and supportive source documentation for each authority has been provided. Where applicable, the necessary reviews or consultations have been completed and applicable permits of approvals have been obtained or noted. Citations, dates/names/titles of contacts, and page references are clear. Additional documentation is attached, as appropriate. All conditions, attenuation or mitigation measures have been clearly identified.

**Impact Codes**: Use an impact code from the following list to make the determination of impact for each factor.

- (1) Minor beneficial impact
- (2) No impact anticipated
- (3) Minor Adverse Impact May require mitigation
- (4) Significant or potentially significant impact requiring avoidance or modification which may require an Environmental Impact Statement

Environmental Assessment Factor	Impact Code	Impact Evaluation
LAND DEVELO		Impact Divarianter
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	2	The Project-related activities would occur within existing Plaza Pública José A. Busigo property. The Project would involve activities to modernize the architecture of the square, renew its green areas, and redistribute its elements to improve the flow of people and optimize its areas to celebrate public activities within the existing footprint. The proposed land use is consistent with the existing land use. No changes in zoning, easements, or land use are anticipated.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	The project area is developed, graded, and relatively flat. The project would involve ground disturbance for the demolition of the existing features of the Plaza de Recreo. The anticipated ground disturbance depth for demolition and construction activities is 3 feet according to the current proposed design. New sidewalks will be created around the plaza and the parking areas will be repaved.

		The concrete flooring of the plaza will be replaced, and all curbs around the plaza, access stairways, and handicap ramps will be reconstructed.  To avoid potential impact to water bodies from sediment transport during construction, the contractor shall prepare and implement an Erosion and Sedimentation Control Plan (CES Plan) and a Stormwater Pollution Prevention Plan (SWPPP).
Hazards and Nuisances including Site Safety and Noise	2	The project site is in an urbanized area. The project would involve demolition, excavation, site clearance and construction. Hazards and nuisances would be short-term and limited to the demolition and construction period. The hazards typically associated with construction activities would be present, temporary site safety issues and noise.
		Underground natural gas pipelines would be identified and marked. Any excavation near these pipelines would be conducted with appropriate BMPs. Excavation for the project is not expected to disturb these pipelines. Traffic control signing and adequate fencing around construction areas while construction activities are undertaken would protect the public from hazards and nuisances. Signs will be posted informing of the construction of the project, and public access will be restricted by security fences.
		Noise impacts would be addressed by conducting construction and demolition activities in accordance with local noise regulations and proper construction equipment maintenance. Noise disturbance missions from the equipment used would be minimized by restricting the contractor's working hours to daytime hours, from 7:00 AM to 4:00 PM, Monday through Friday.

Environmental	Impact	
Assessment Factor	Code	Impact Evaluation
SOCIOECONON Employment and Income Patterns	1	Both the construction and operation of the project would generate new direct and indirect employment that would have a positive impact on income and employment in the municipality. The project would generate or sustain approximately 35 jobs during the construction phase (including direct, indirect and induced jobs). In addition, The Project is expected to increase the number of residents who will visit the urban area of the Municipality and allow the Plaza de Recreo to accommodate a greater number of people than it can currently.
Demographic Character Changes, Displacement	2	The project would not involve demographic changes or displacements. It is and will be a public facility.
Environmental Justice	2	The project would not alter the Environmental Justice composition of the population in the area surrounding the project area. There are currently no residents at the project site, and the project would not increase the population that could be exposed to environmental hazards. No environmental hazards were identified on or surrounding the project site that could disproportionately environmental justice populations.

Environmental	Impact	
Assessment Factor	Code	Impact Evaluation
<b>COMMUNITY F</b>	ACILITIE	S AND SERVICES
Educational and Cultural Facilities		The project would not involve new residents. The project would not result in any change to regional or local area educational and cultural facilities or increase demand for them.
Commercial Facilities		Access to nearby commercial facilities would be maintained throughout construction. Agencies, neighboring businesses, and the public in general would be informed in advance of any needed street closures. The project would not directly affect nearby commercial facilities. Increased

		public use of the project area could indirectly benefit businesses by increasing visits in the area.
Health Care and Social Services	2	Health care and social services facilities would not be impacted by the proposed project. Access for emergency service providers would be maintained. The project would not increase demand for health care and social services facilities, since the anticipated increase in use would be drawn from the surrounding area that is already served by these facilities.
Solid Waste Disposal / Recycling	2	The project involves demolition and removal of the existing architectural elements within the square, including sidewalks parking lots, bench areas, Antonio Sepúlveda pavilion, planters stairs, and handicap ramps. The general contractor would manage implementation of the anticipated waste disposal methods. The Project would comply with the provisions of the Regulations for the Reduction, Reuse and Recycling of Solid Waste (Regulation No. 6825 of 2004), as amended, and with all Department of Natural and Environmental Resources (DNER) requirements. Recycling recovered construction debris materials where possible would minimize generation of solid waste so that daily capacities of landfills and other solid waste facilities would not be exceeded.  Once the project is completed, the generation of domestic solid waste is anticipated to increase due
		to the anticipated increase in public use. Both solid waste disposal and recycling will be collected and managed by the Municipality and would not require an increase in capacity within the Municipality.
Waste Water / Sanitary Sewers	2	New bathrooms would be added to the plaza, but no new connections to municipal sanitary sewer system would be needed. The proposed project would not affect wastewater infrastructure and would not increase demand for service.
Water Supply	2	Potable water would be available at the new kiosk. Once the project is completed, there will be an increase in potable water consumption. The kiosk will be connected to the existing system. The facility would not require an increase in capacity.

		Increase in demand for water from the project would be minor relative to the current demand for these services in the area.
Public Safety - Police, Fire and Emergency Medical	2	Traffic may have to be rerouted temporarily during construction. Emergency services would be notified of traffic control changes ahead of time, and access by emergency vehicles always would be allowed within the work zone. Increased use of the project area due to increased capacity could result in a minor increase demand for these services. Since use would be drawn from the local population, the demand for services would not exceed the current providers' capacity.
Parks, Open Space and Recreation	1	The proposed project would temporarily restrict use of the existing plaza during construction; however, it would not adversely affect any existing parks, open space, or recreational activities. Temporary and safe access for would be provided to visitors to the San Isidro Labrador Catholic Church during project development. The improved Plaza de Recreo may be considered an addition to local recreational attractions. The anticipated increase in public visitation at the improved Plaza de Recreo could generate increased visitation to nearby parks and recreation areas but would not require an increase in the capacity of these facilities to accommodate them.
Transportation and Accessibility	2	The proposed project would result in minor temporary traffic increases and access issues during construction. Traffic may be rerouted temporarily or lane closures may be implemented to direct traffic away from construction activities. A traffic and transportation management plan would be implemented to address those short-term traffic effects and to provide the safest routes during construction. Emergency services would be notified of traffic control changes ahead of time, and access by emergency vehicles always would be allowed within the work zone.
		When the project is completed, there will be a slight increase in traffic because the expanded facility will have employees and visitors. However, traffic should flow normally in the area, as the

Project: Plaza de Recreo, Sabana Grande PR-CRP-000742 Date: December 5, 2024

increase is not significant, and the plaza will
provide parking.

Environmental Assessment Factor NATURAL FEATU	Impact Code <b>RES</b>	Impact Evaluation
Unique Natural Features, Water Resources		The project will not affect a unique natural features or water resources. The project site is developed within an urban area.
Vegetation, Wildlife		The proposed project activities would be mostly within the existing plaza footprint and parking areas. The entire project site has been previously disturbed. The project would not significantly affect native vegetation. Additionally, the proposed project would not impact wildlife or wildlife habitat.
Other Factors		No other factors were identified that would be affected by the proposed project.

Environmental	Impact	
Assessment Factor	Code	Impact Evaluation
CLIMATE AND EN	ERGY	
Climate Change Impacts		Because the project is a rehabilitation of an existing developed area that is mostly covered with asphalt, concrete slabs, stairs, ramps, and sidewalks, there would be no changes to the site configuration or structure that would specifically address the possibility and uncertainty of rising sea levels or the possibility of increases in rainfall intensity.
		The project design would not change the area's urban heat island effects or stormwater runoff.
		The project light poles would be upgraded with new energy efficient equipment that would result in a lower carbon footprint for the rehabilitated area.
Energy Efficiency	2	The expanded facility would increase energy consumption because due to anticipated increased use. However, the lighting will be upgraded and be energy efficient.

#### **Additional Studies Performed:**

N/A

#### **Field Inspection** (Date and completed by):

Field Inspection and photographs completed on May 20, 2022 by Tetra Tech, Inc. (see Attachment C).

#### List of Sources, Agencies and Persons Consulted [40 CFR 1508.9(b)]:

Puerto Rico State Historic Preservation Office

FAA, National Plan for Integrated Airport Systems:

www.faa.gov/airports/planning\_capacity/npias/reports/NPIAS-Report-2017-2021-Appendix-B-Part6.pdf

John H. Chafee Coastal Barrier Resources System, Puerto Rico map.

www.fws.gov/CBRA/Maps/Locator/PR.pdf

National Wild and Scenic Rivers System: www.rivers.gov/puerto-rico.php Puerto Rico Community Development Block Grant Disaster Recovery Action Plan, July 2018. www.cdbg-dr.pr.gov/en/action-plan/

Programmatic Agreement among the Federal Emergency Management Agency, the Puerto Rico State Historic Preservation Office and the Central Office for Recovery, Reconstruction and Resilience – amended to include the Puerto Rico Department of Housing.

US Environmental Protection Agency, National Ambient Air Quality Standards, Nonattainment Areas for Criteria Pollutants (Green Book): www3.epa.gov/airquality/greenbook/anayo pr.html

US EPA, Environmental Topics, Air Topics: www.epa.gov/environmental-topics/air-topics

US Fish and Wildlife Service, Environmental Conservation Online System: https://ecos.fws.gov/ecp/report/species-listings-by-

state?stateAbbrev=PR&stateName=Puerto%20Rico&statusCategory=Listed Federal Emergency Management Agency, Flood Mapping Service:

https://msc.fema.gov/portal/home (compilation of numerous maps)

US Fish and Wildlife Service, National Wetlands Inventory:

www.fws.gov/wetlands/data/mapper.html (compilation of numerous maps) Puerto Rico Coastal Zone Management Program Plan, September 2009. US EPA, Sole Source Aquifers. Esri HERE, Garmin, NOAA, USGS, EPA.

#### **List of Permits Obtained:**

N/A

#### **Public Outreach** [24 CFR 50.23 & 58.43]:

A combined Notice of Finding of No Significant Impact (FONSI) and Notice of Intent to Request Release of Funds (NOIRROF) will be published in a local

Project: Plaza de Recreo, Sabana Grande PR-CRP-000742

Date: December 5, 2024

newspaper. Copies of that public notice also will be sent to all known interested parties.

**Cumulative Impact Analysis** [24 **CFR** 58.32]: The project area is part of larger, ongoing infrastructure improvements to address unsatisfied needs as a result of Hurricane Maria; and to carry out strategic and high-impact activities to mitigate disaster risks and reduce future losses. The municipality assessed locations in the urban center that warranted improvements to maximize their potential. Examples include the ongoing environmental process for transforming the Old Luis Muñoz Rivera School into an Artistic and Cultural Development Center, enhancing the Municipal Gymnasium, and the Coliseum Ángel Mercado project. The demolition of the existing existing Plaza Pública José A. Busigo and remodeling it, would contribute to these beneficial impacts. Modernizing the architecture of the square, renewing its green greas, and redistributing its elements to improve the flow of people and optimize its areas to public activities could potentially attract celebrate development in the area as more people use the facilities. However, in the immediate future, it would serve a need for a public recreation and gathering facility that is outdated and has been damaged by Hurricane Maria. Short-term impacts during construction would be mitigated by through the measures detailed in the table below and would not contribute to construction impacts surrounding the project area. The project will not contribute to adverse cumulative impacts.

Alternatives [24 CFR 58.40(e); 40 CFR 1508.9] Alternative locations considered for the project were determined not to be feasible for the design or location of the new Plaza de Recreo except for the proposed project. Relocation of the plaza to an alternate location would not provide the central location required for the municipal gathering place. Relocation would not resolve the problem of the existing damaged Plaza Pública José A. Busigo property. Alternate reconstruction designs or capacities would not meet the needs of the municipality for a modern public event space, and alternate reconstruction methods would be prohibitively expensive.

#### **No Action Alternative** [24 CFR 58.40(e)]:

The No Action Alternative is considered unfeasible because it does not resolve the problem of an outdated and damaged public square. It would not provide the needed improvements to the facilities to manage the flow of people and optimize its areas to celebrate public activities.

#### **Summary of Findings and Conclusions:**

After reviewing all compliance factors as detailed above, it is our conclusion that the proposed project will not have adverse impacts on the environment. Project scope is limited to the existing Plaza footprint. There is no anticipated impact on or caused by airports, coastal barrier resources, flood Zones, air quality, coastal zones, hazardous sites, endangered species, explosive or flammable hazards, farmlands, noise sensitive areas, sole source aquifers, wetlands, wild or scenic rivers.

Even though the Plaza itself is not listed on the National Registry of Historic Places published by the Puerto Rico State Historic Preservation Office, the catholic church, Iglesia de Isidro Labrador y Santa Maria de la Cabeza, which lies within the limits of the Plaza is listed as an historic building. However, the scope of proposed works does not extend to either the church or its immediate surrounding which are the gardens on its north, south and east building ends, or the stairs to the church on its west end.

Regarding Environmental Justice, there will be no adverse effect to minorities or low-income population. Once completed, the project will benefit all the population of the Sabana Grande town, as well as all its visitors.

#### **Mitigation Measures and Conditions [40 CFR 1505.2(c)]**

Summarize below all mitigation measures adopted by the Responsible Entity to reduce, avoid, or eliminate adverse environmental impacts and to avoid non-compliance or non-conformance with the above-listed authorities and factors. These measures/conditions must be incorporated into project contracts, development agreements, and other relevant documents. The staff responsible for implementing and monitoring mitigation measures should be clearly identified in the mitigation plan.

Law, Authority, or Factor	Mitigation Measure
Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402	If a Puerto Rican Boa is encountered, work will cease until it moves off the site or, failing that, the Puerto Rico Department of Natural and Environmental Resources (PRDNER) Rangers will be notified for safe capture and relocation of the animal, in accordance with the USFW Puerto Rican Boa Conservation Measures guidelines.
Historic Preservation	Prior to any action, a protective fence would be established around the church so that demolition and construction work would not affect it. The project area will be monitored by an archaeologist during the

	process, as directed in the SHPO-approved Archaeological Monitoring Plan.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	To avoid potential impact to water bodies from sediment transport during construction, the contractor shall prepare and implement an Erosion and Sedimentation Control Plan (CES Plan) and a Stormwater Pollution Prevention Plan (SWPPP).
Hazards and Nuisances including Site Safety and Noise	Underground natural gas pipelines would be identified and marked. Any excavation near these pipelines would be conducted with appropriate BMPs. Excavation for the project is not expected to disturb these pipelines. Traffic control signing and adequate fencing around construction areas while construction activities are undertaken would protect the public from hazards and nuisances. Signs will be posted informing of the construction of the project, and public access will be restricted by security fences.  Noise impacts would be addressed by conducting construction and demolition activities in accordance with local noise regulations and proper construction equipment maintenance. Noise disturbance missions from the equipment used would be minimized by restricting the contractor's working hours to daytime hours, from 7:00 AM to 4:00 PM, Monday through Friday.
Solid Waste Disposal / Recycling	Recycling recovered construction debris materials where possible would minimize generation of solid waste so that daily capacities of landfills and other solid waste facilities would not be exceeded.
Waste Water / Sanitary Sewers	All wastewater and sanitary sewer work will be done in coordination with the Puerto Rico Aqueduct and Sewer Authority (PRASA).
Water Supply	All work potable water supply activities will be done in coordination with PRASA.
Public Safety - Police, Fire and Emergency Medical	Emergency services would be notified of traffic control changes ahead of time, and access by emergency vehicles always would be allowed within the work zone.
Transportation and Accessibility	A traffic and transportation management plan would be implemented to address those short-term traffic effects and to provide the safest routes during construction.

Project: Plaza de Recreo, Sabana Grande PR-CRP-000742

Date: December 5, 2024

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Finding of No Significant Impact [24 CFR 58.40(g)(1); 40 CFR 15 The project will not result in a significant impact on the quality of the human	
Finding of Significant Impact [24 CFR 58.40(g)(2); 40 CFR 1508.2 The project may significantly affect the quality of the human environment.	27]
Preparer Signature:  Name/Title/Organization: Genevieve Kaiser/ Senior Environmental Plant Tech, Inc.	Date: <u>December 5, 2024</u> ner/GIS Specialist/ Tetra
Responsible Entity Agency Official Signature:	Date: December 18, 2024
Name/Title: Sally Z. Acevedo Cosme- Permits and Environmental Compliance	ce Specialist

This original, signed document and related supporting material must be retained on file by the Responsible Entity in an Environmental Review Record (ERR) for the activity/project (ref: 24 CFR Part 58.38) and in accordance with recordkeeping requirements for the HUD program(s).

# Environmental Review for Activity/Project that is Categorically Excluded Subject to Section 58.5 Pursuant to 24 CFR 58.35(a)

Municipio de Sabana Grande Plaza de Recreo PR-CRP-000742

#### ATTACHMENT A: LIST OF WORKSHEETS AND SUPPORTING DOCUMENTATION

- A-1. AIRPORT HAZARDS WORKSHEET
- A-2. COASTAL BARRIERS WORKSHEET
- A-3. COASTAL BARRIERS DOCUMENTS
- A-4. FLOOD INSURANCE WORKSHEET
- A-5. CLEAN AIR WORKSHEET
- A-6. CLEAN AIR EPA TABLES
- A-7. COASTAL ZONE MANAGEMENT WORKSHEET
- A-8. COASTAL ZONE DOCUMENTS
- A-9. CONTAMINATION AND TOXIC SUBSTANCES WORKSHEET
- A-10. CONTAMINATION AND TOXIC SUBSTANCES NEPASSIST REPORT
- A-11. ENDANGERED SPECIES WORKSHEET
- A-12. EXPLOSIVES AND FLAMMABLE WORKSHEET
- A-13. FARMLANDS WORKSHEET
- A-14. FLOODPLAIN-MANAGEMENT WORKSHEET
- A-15. HISTORIC PRESERVATION WORKSHEET
- A-16. Noise Worksheet
- A-17. SOLE SOURCE AQUIFER WORKSHEET
- A-18. WETLANDS WORKSHEET
- A-19. WILD AND SCENIC RIVERS WORKSHEET
- A-20. WILD AND SCENIC RIVERS DOCUMENTS
- A-21. Environmental Justice Worksheet



#### $\ \, \text{U.s. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT} \\$

WASHINGTON, DC 20410-1000

#### Airport Hazards (CEST and EA) - PARTNER

https://www.hudexchange.info/environmental-review/airport-hazards

1.		compatible land use development, you must determine your site's proximity to civil and ports. Is your project within 15,000 feet of a military airport or 2,500 feet of a civilian			
	⊠No →	If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing that the site is not within the applicable distances to a military or civilian airport.			
	□Yes →	Continue to Question 2.			
2.	Is your project located within a Runway Potential Zone/Clear Zone (RPZ/CZ) or Accident Potential Zone (APZ)?				
	□Yes, proj	ect is in an APZ $\rightarrow$ Continue to Question 3.			
	$\Box$ Yes, project is an RPZ/CZ $\rightarrow$ Project cannot proceed at this location.				
	□No, project is not within an APZ or RPZ/CZ				
	Con	e RE/HUD agrees with this recommendation, the review is in compliance with this section. tinue to the Worksheet Summary below. Continue to the Worksheet Summary below.			
	Prov	vide a map showing that the site is not within either zone.			
3.	Is the proje	ect in conformance with DOD guidelines for APZ?			
	□Yes, proj	ect is consistent with DOD guidelines without further action.			
	Con	e RE/HUD agrees with this recommendation, the review is in compliance with this section. tinue to the Worksheet Summary below. Provide any documentation supporting this ermination.			
		project cannot be brought into conformance with DOD guidelines and has not been d. $\rightarrow$ <i>Project cannot proceed at this location</i> .			
	_	easures have been or will be taken, explain in detail the proposed measures that must ed to mitigate for the impact or effect, including the timeline for implementation.			

Click here to enter text.

→ Work with the RE/HUD to develop mitigation measures. Continue to the Worksheet Summary below. Provide any documentation supporting this determination.

#### **Worksheet Summary**

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

#### Include all documentation supporting your findings in your submission to HUD.

The project site is not located within 2,500 feet of civilian runway or 15,000 ft. of a military runway. The nearest airport is Eugenio María de Hostos in Mayagüez and is located at over 90,000 ft. Therefore, this topic complies with the regulation. Refer to Attachment B-5



#### U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

WASHINGTON, DC 20410-1000

#### Coastal Barrier Resources (CEST and EA) – PARTNER

https://www.hudexchange.info/environmental-review/coastal-barrier-resources

Projects located in the following states must complete this form.

Alabama	Georgia	Massachusetts	New Jersey	Puerto Rico	Virgin Islands
Connecticut	Louisiana	Michigan	New York	Rhode Island	Virginia
Delaware	Maine	Minnesota	North Carolina	South Carolina	Wisconsin
Florida	Maryland	Mississippi	Ohio	Texas	

#### 1. Is the project located in a CBRS Unit?

If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing that the site is not within a CBRS Unit.

 $\square$ Yes  $\rightarrow$  Continue to 2.

<u>Federal assistance for most activities may not be used at this location. You must either choose an alternate site or cancel the project.</u> In very rare cases, federal monies can be spent within CBRS units for certain exempted activities (e.g., a nature trail), after consultation with the Fish and Wildlife Service (FWS) (see <u>16 USC 3505</u> for exceptions to limitations on expenditures).

#### 2. Indicate your recommended course of action for the RE/HUD

☐ Consultation with the FWS
☐ Cancel the project

#### **Worksheet Summary**

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

#### Include all documentation supporting your findings in your submission to HUD.

Sabana Grande is not a coastal town. According to the US Fish and Wildlife Service Coastal Barrier Resources Mapper, the project is not located in any coastal barrier zone of Puerto Rico.

The nearest units are Bahía Montalva Unit PR-64P and Don Luis Unit PR-63P, both south of the project in the municipalities of Lajas and Guánica, RP-64 is the closest unit and is located at approximately 37,000 feet south of the project area. Therefore, this topic complies with the regulation.



#### U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

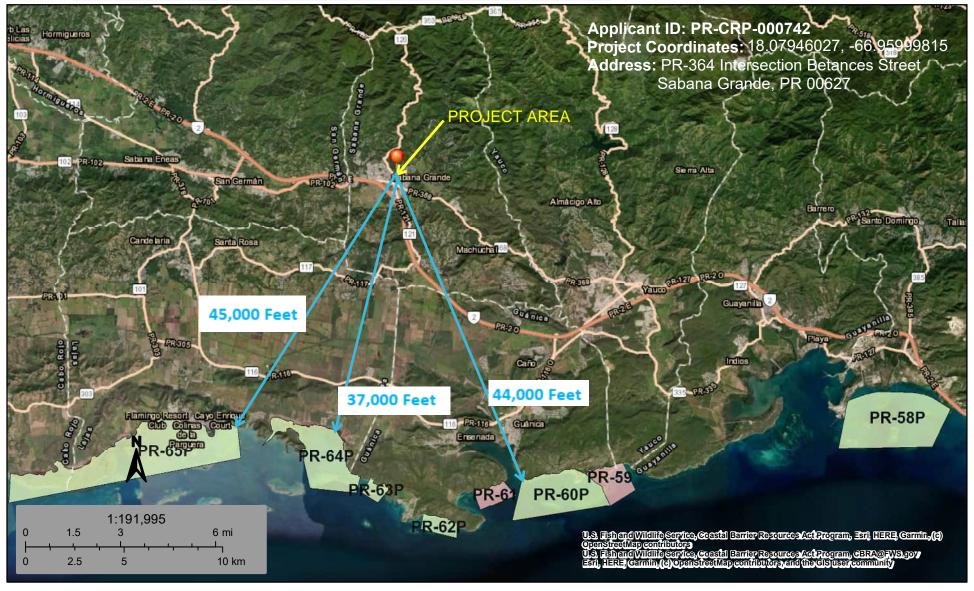
WASHINGTON, DC 20410-1000

The nearest units are Bahía Montalva Unit PR-64P and Don Luis Unit PR-63P, both south of the project in the municipalities of Lajas and Guánica, at more than 13,000 meters – Refer to Attachment -3 and B-



## U.S. Fish and Wildlife Service **Coastal Barrier Resources System**

#### A-3 Plaza de Recreo



October 24, 2022

#### **CBRS Units**

Otherwise Protected Area

System Unit

This map is for general reference only. The Coastal Barrier Resources System (CBRS) boundaries depicted on this map are representations of the controlling CBRS boundaries, which are shown on the official maps, accessible at https://www.fws.gov/library/collections/official-coastalbarrier-resources-system-maps. All CBRS related data should be used in accordance with the layer metadata found on the CBRS Mapper website.

The CBRS Buffer Zone represents the area immediately adjacent to the CBRS boundary where users are advised to contact the Service for an official determination (https://www.fws.gov/service/coastal-barrier-resources-system-property-documentation) as to whether the property or project site is located "in" or "out" of the CBRS.

CBRS Units normally extend seaward out to the 20- or 30-foot bathymetric contour (depending on the location of the unit). The true seaward

# Coastal Barrier Resources System Units by County

State	County	Unit Number	Unit Name
Alabama	Baldwin	AL-01P	Perdido Key
Alabama	Baldwin	AL-02P	Gulf Park
Alabama	Baldwin	AL-03	Skunk Bayou
Alabama	Baldwin	AL-04P	Cypress Point
Alabama	Mobile	AL-05P	Alligator Lake
Alabama	Baldwin	Q01	Mobile Point
Alabama	Mobile	Q01A	Pelican Island
Alabama	Baldwin	Q01P	Mobile Point
Alabama	Mobile	Q02	Dauphin Island
Alabama	Mobile	Q02P	Dauphin Island
Connecticut	New London	CT-00	Barn Island
Connecticut	New London	CT-01	Mason Island
Connecticut	New London	CT-02	Bluff Point
Connecticut	New London	CT-02P	Bluff Point
Connecticut	INEW LUTIOUT	C1-02F	Didii FUIII

State	County	Unit Number	Unit Name
North Carolina	Carteret	NC-04P	Fort Macon
North Carolina	Carteret	NC-05P	Roosevelt Natural Area
North Carolina	Carteret, Onslow	NC-06P	Hammocks Beach
North Carolina	New Hanover, Brunswick	NC-07P	Cape Fear
Ohio	Lake	OH-01	Arcola Creek
Ohio	Lake	OH-02	Mentor
Ohio	Erie	OH-03	North Pond
Ohio	Erie	OH-04	Old Woman Creek
Ohio	Erie	OH-05	Sheldon Marsh
Ohio	Ottawa	OH-06	Bay Point
Ohio	Ottawa	OH-07	Middle Bass Island
Ohio	Ottawa	OH-08	North Bass Island
Ohio	Ottawa	OH-09	Fox Marsh
Ohio	Ottawa	OH-10	Toussaint River
Puerto Rico	Rio Grande	PR-02	Ensenada Comezon
Puerto Rico	Rio Grande, Luquillo	PR-03	Rio Mameyes
Puerto Rico	Luquillo	PR-04P	Punta la Bandera
Puerto Rico	Luquillo	PR-05	Luquillo Spit
			Help improve this site

State	County	Unit Number	Unit Name
Puerto Rico	Ponce	PR-57P	Punta Cucharas
Puerto Rico	Penuelas	PR-58P	Bahia de Tallaboa
Puerto Rico	Yauco, Guanica	PR-59	Punta Ballena
Puerto Rico	Guanica	PR-60P	Punta Jacinto
Puerto Rico	Guanica	PR-61	Ensenada las Pardas
Puerto Rico	Guanica	PR-62P	Punta Manglillo
Puerto Rico	Guanica	PR-63P	Cayo don Luis
Puerto Rico	Guanica, Lajas	PR-64P	Bahia Montalva
Puerto Rico	Lajas, Cabo Rojo	PR-65P	Isla Cueva/Guayacan
Puerto Rico	Cabo Rojo	PR-66	Cabo Rojo
Puerto Rico	Cabo Rojo	PR-66P	Cabo Rojo
Puerto Rico	Cabo Rojo	PR-67P	Bahia de Boqueron
Puerto Rico	Cabo Rojo	PR-68	Boca Prieta
Puerto Rico	Cabo Rojo	PR-69	Punta Carenero
Puerto Rico	Cabo Rojo	PR-70	Belvedere
Puerto Rico	Mayaquez	PR-72	Rio Guanajibo
Puerto Rico	Aguadilla	PR-75	Espinar
Puerto Rico	Aguadilla	PR-75P	Espinar Halp improve this site
			Help improve this site

# **Programs**



(/program/coastalbarrier-resourcesact)

Coastal Barrier Resources Act (/program/coastal-barrier-resources-act)

We administer the Coastal Barrier Resources Act (CBRA), which encourages the conservation of storm-prone and dynamic coastal barriers by withdrawing the availability of federal funding and financial assistance within a designated set of units known as the Coastal Barrier Resources System (CBRS)....

Program

Baileys Crossroads, VA



Working with others to conserve, protect and enhance fish, wildlife, plants and their habitats for the continuing benefit of the American people.

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# U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT WASHINGTON, DC 20410-1000

#### Flood Insurance (CEST and EA) - PARTNER

https://www.hudexchange.info/environmental-review/flood-insurance

1.	Does this project involve mortgage insurance, refinance, acquisition, repairs, rehabilitation, or construction of a structure, mobile home, or insurable personal property?  ☑ No. This project does not require flood insurance or is excepted from flood insurance.  → Continue to the Worksheet Summary.
	$\square$ Yes $\rightarrow$ Continue to Question 2.
2.	Provide a FEMA/FIRM map showing the site.  The Federal Emergency Management Agency (FEMA) designates floodplains. The FEMA Map Service Center provides this information in the form of FEMA Flood Insurance Rate Maps (FIRMs).
	Is the structure, part of the structure, or insurable property located in a FEMA-designated Special Flood Hazard Area?
	$\square$ No $\rightarrow$ Continue to the Worksheet Summary.
	$\square$ Yes $\rightarrow$ Continue to Question 3.
3.	Is the community participating in the National Flood Insurance Program <i>or</i> has less than one year passed since FEMA notification of Special Flood Hazards?
	<ul> <li>Yes, the community is participating in the National Flood Insurance Program.</li> <li>Flood insurance is required. Provide a copy of the flood insurance policy declaration or a paid receipt for the current annual flood insurance premium and a copy of the application for flood insurance.</li> <li>→ Continue to the Worksheet Summary.</li> </ul>
	<ul> <li>Yes, less than one year has passed since FEMA notification of Special Flood Hazards.</li> <li>If less than one year has passed since notification of Special Flood Hazards, no flood Insurance is required.</li> <li>→ Continue to the Worksheet Summary.</li> </ul>
	<ul> <li>□ No. The community is not participating, or its participation has been suspended.</li> <li>Federal assistance may not be used at this location. Cancel the project at this location.</li> </ul>

#### **Worksheet Summary**

Include all documentation supporting your findings in your submission to HUD.

The project is outside of the floodplain. This information was obtained from the FEMA Recommended Base Flood Level Maps (Advisory Maps), Map Number 72000C1580J, with effective date of 1 . Therefore, this topic complies with the regulation. Refer to

a n B-



# U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT WASHINGTON, DC 20410-1000

# Air Quality (CEST and EA) – PARTNER

https://www.hudexchange.info/environmental-review/air-quality

1.	Does your project include new construction or conversion of land use facilitating the development of public, commercial, or industrial facilities OR five or more dwelling units?
	$\boxtimes$ Yes $\rightarrow$ Continue to Question 2.
	$\square$ No $\rightarrow$ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Provide any documents used to make your determination.
2.	Is your project's air quality management district or county in non-attainment or maintenance status for any criteria pollutants?  Follow the link below to determine compliance status of project county or air quality management district:
	http://www.epa.gov/oaqps001/greenbk/
	⋈ No, project's county or air quality management district is in attainment status for all criteria pollutants
	→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination.
	☐ Yes, project's management district or county is in non-attainment or maintenance status for one or more criteria pollutants. → Continue to Question 3.
3.	Determine the <u>estimated emissions levels of your project for each of those criteria pollutants</u> that are in non-attainment or maintenance status on your project area. Will your project exceed any of the <i>de minimis or threshold</i> emissions levels of non-attainment and maintenance level pollutants or exceed the screening levels established by the state or air quality management district?
	☐ No, the project will not exceed <i>de minimis</i> or threshold emissions levels or screening
	levels  → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Explain how you determined that the project would not exceed de minimis or threshold emissions.
	☐ Yes, the project exceeds <i>de minimis</i> emissions levels or screening levels.

- → Continue to Question 4. Explain how you determined that the project would not exceed de minimis or threshold emissions in the Worksheet Summary.
- 4. For the project to be brought into compliance with this section, all adverse impacts must be mitigated. Explain in detail the exact measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.

Click here to enter text.

#### **Worksheet Summary**

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

#### Include all documentation supporting your findings in your submission to HUD.

According to the EPA's Green Book, the project site is not located in a non-attainment area. Therefore, this topic complies with the regulation.

Refer to Attachment -



#### **A-6**

You are here: EPA Home > Green Book > National Area and County-Level Multi-Pollutant Information > Puerto Rico Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants

#### Puerto Rico Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants

Data is current as of September 30, 2022

Listed by County, NAAQS, Area. The 8-hour Ozone (1997) standard was revoked on April 6, 2015 and the 1-hour Ozone (1979) standard was revoked on June 15, 2005.

 $^*$  The 1997 Primary Annual PM-2.5 NAAQS (level of 15  $\mu$ g/m $^3$ ) is revoked in attainment and maintenance areas for that NAAQS. For additional information see the PM-2.5 NAAQS SIP Requirements Final Rule, effective October 24, 2016. (81 FR 58009)

Change the State:		
PUERTO RICO	~	GO

Important	ortant Notes Download National Dataset: dbf   xls   Data dictionary (PDF)							
County	NAAQS	Area Name	Nonattainment in Year	Redesignation to Maintenance	Classification	Whole or/ Part County	Population (2010)	State/ County FIPS Codes
<b>PUERTO</b>	RICO							
Arecibo Municipio		Arecibo, PR	11 12 13 14 15 16 17 18 19 20 21 22	//		Part	32,185	72/013
Bayamon Municipio	Sulfur Dioxide (2010)	San Juan, PR	1819202122	//		Part	22,921	72/021
Catano Municipio	Sulfur Dioxide (2010)	San Juan, PR	1819202122	//		Whole	28,140	72/033
Guaynabo Municipio		Mun. of Guaynabo PR	,929394959697989900010203040506070809	02/11/2010	Moderate	Part	90,470	72/061
Guaynabo Municipio	Sulfur Dioxide (2010)	San Juan, PR	1819202122	//		Part	23,802	72/061
Salinas Municipio	Sulfur	Guayama-	1819202122	//		Part	23,401	72/123
San Juan Municipio	Sulfur	San Juan, PR	1819202122	//		Part	147,963	72/127
Toa Baja Municipio	Sulfur	San Juan, PR	1819202122	//		Part	52,441	72/137

Puerto Rico Nonattainment/Maintenance Status for Each	County by Year for All Criteria	Pollutants   Green Book   US EPA
---	---------------------------------	----------------------------------

Important Notes

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		2022-09-30



You are here: EPA Home > Green Book > Details of Criteria Pollutant Nonattainment Area Summary Report

### Details of Criteria Pollutant Nonattainment Area Summary Report

Data is current as of September 30, 2022

The 8-hour Ozone (1997) standard was revoked on April 6, 2015 and the 1-hour Ozone (1979) standard was revoked on June 15, 2005.

Download National Dataset: dbf | xls | Data dictionary (PDF)

State	Simple Name	Nonattainment Area Name	2010 Pop.	No. of	Category/
	Pollutant	Nonattamment Area Name	(1000s)	Counties	Class.
AK	Fairbanks				_
		Fairbanks, AK	87	1	Serious
AZ	Douglas/Paul Spur (Coch				
	PM-10 (1987)	Cochise County; Paul Spur/Douglas planning area, AZ	17	1	Moderate
ΑZ	Hayden/Miami				
		Hayden, AZ	5	2	Nonattainment
	PM-10 (1987)	Hayden, AZ	11	2	Moderate
		Miami, AZ	15	2	Moderate
	Sulfur Dioxide (1971)	Hayden (Pinal County), AZ	5	1	Primary
	Sulfur Dioxide (2010)	Hayden, AZ	5	2	Nonattainment
	Sulfur Dioxide (2010)	Miami, AZ	15	1	Nonattainment
ΑZ	Nogales				
	PM-10 (1987)	Santa Cruz County; Nogales planning area, AZ	30	1	Moderate
AZ	Phoenix-Mesa	· ·			
	PM-10 (1987)	Maricopa and Pinal Counties; Phoenix planning area, AZ	3,853	2	Serious
	8-Hour Ozone (2008)		3,850	2	Moderate
	8-Hour Ozone (2015)		3,945	3	Marginal
ΑZ	Rillito (Pima County)				
	PM-10 (1987)	Pima County; Rillito planning area, AZ	1	1	Moderate
ΑZ	West Pinal	•			
	PM-10 (1987)	Pinal County (part); West Pinal, AZ	283	1	Serious
	PM-2.5 (2006)	West Central Pinal, AZ	52	1	Moderate
ΑZ	Yuma				
	PM-10 (1987)	Yuma, AZ	101	1	Moderate
	8-Hour Ozone (2015)	Yuma, AZ	87	1	Marginal
CA		os (Central Mountain Cos)			
	8-Hour Ozone (2008)	Calaveras County, CA	46	1	Marginal
	8-Hour Ozone (2015)	Amador County, CA	38	1	Marginal
	8-Hour Ozone (2015)	Calaveras County, CA	46	1	Marginal
CA	Chico	<u> </u>			
	8-Hour Ozone (2008)	Chico (Butte County), CA	220	1	Marginal
	8-Hour Ozone (2015)		220	1	Marginal
CA	Imperial County	· • • • • • • • • • • • • • • • • • • •			
	PM-2.5 (2006)	Imperial County, CA	154	1	Moderate
		Imperial County, CA	154	1	Moderate
	8-Hour Ozone (2008)		175	1	Moderate
	8-Hour Ozone (2015)		175	1	Marginal

State	Simple Name	Nonattainment Auga Nama	2010	No. of	Category/
	Pollutant	Nonattainment Area Name	Pop. (1000s)	Counties	
CA	Los Angeles-South Coast	Air Basin	()		
	Lead (2008)	Los Angeles County-South Coast Air Basin, CA	9,437	1	Nonattainmen
	PM-2.5 (1997)	Los Angeles-South Coast Air Basin, CA	15,716	4	Moderate
	PM-2.5 (2006)	Los Angeles-South Coast Air Basin, CA	15,716	4	Serious
	PM-2.5 (2012)	Los Angeles-South Coast Air Basin, CA	15,716	4	Serious
	8-Hour Ozone (2008)	Los Angeles-South Coast Air Basin, CA	15,719	4	Extreme
	8-Hour Ozone (2008)	Morongo Band of Mission Indians, CA	1	1	Serious
	8-Hour Ozone (2008)	Pechanga Band of Luiseno Mission Indians of the Pechanga Reservation, CA	3	2	Moderate
	8-Hour Ozone (2015)	Los Angeles-South Coast Air Basin, CA	15,703	4	Extreme
	8-Hour Ozone (2015)	Morongo Band of Mission Indians, CA	1	1	Serious
	8-Hour Ozone (2015)	Pechanga Band of Luiseno Mission Indians of the Pechanga Reservation, CA	1	2	Marginal
CA	Mariposa and Tuolumne	Cos (Southern Mountain Cos)			
0.1		Mariposa County, CA	18	1	Moderate
		Mariposa County, CA	18	1	Marginal
		Tuolumne County, CA	55	1	Marginal
CA	Mono County	•			
		Mono Basin, CA	0	1	Moderate
CA	Nevada County (Western				
		Nevada County (Western part), CA	82	1	Serious
<b>~</b> •		Nevada County (Western part), CA	82	l	Serious
CA	Owens Valley	T C ( O VIII 1 '			
C.A.	PM-10 (1987)	Inyo County; Owens Valley planning area, CA	7	1	Serious
CA	Plumas County	Dlymag County CA	6	1	Madamata
$C\Lambda$	PM-2.5 (2012)	Plumas County, CA	6	1	Moderate
CA	Sacramento Metro PM-2.5 (2006)	Sagramanto CA	2 206	5	Moderate
		Sacramento, CA Sacramento Metro, CA	2,206 2,241	6	Severe 15
	\ /	Sacramento Metro, CA	2,241	6	Serious
CA	San Diego	Sacramento Mero, Cr	2,210		Serious
011		San Diego County, CA	3,095	1	Severe 15
	. ,	San Diego County, CA	3,077	1	Severe 15
CA	San Francisco-Bay Area	, , , , , , , , , , , , , , , , , , ,			
	PM-2.5 (2006)	San Francisco Bay Area, CA	6,971	9	Moderate
		San Francisco Bay Area, CA	6,973	9	Marginal
		San Francisco Bay Area, CA	6,969	9	Marginal
CA	San Joaquin Valley				
	PM-10 (1987)	East Kern County, CA	126	1	Serious
	PM-2.5 (1997)	San Joaquin Valley, CA	3,842	8	Serious
	PM-2.5 (2006)	San Joaquin Valley, CA	3,842	8	Serious
	PM-2.5 (2012)	San Joaquin Valley, CA	3,842	8	Serious
		Kern County (Eastern Kern), CA	95	1	Severe 15
		San Joaquin Valley, CA	3,842	8	Extreme
		Kern County (Eastern Kern), CA	95	1	Serious
	8-Hour Ozone (2015)	San Joaquin Valley, CA	3,842	8	Extreme

State	Simple Name	Nonattainment Area Name	2010 Pop.	No. of	Category/
State	Pollutant		(1000s)	Counties	Class.
CA	San Luis Obispo				
	8-Hour Ozone (2008)	San Luis Obispo (Eastern San Luis Obispo), CA	2	1	Marginal
	8-Hour Ozone (2015)	* //	1	1	Marginal
CA	Searles Valley				
	PM-10 (1987)	Trona, CA	4	1	Moderate
CA	<b>Southeast Desert Modifie</b>				
	PM-10 (1987)	Riverside County; Coachella Valley planning area, CA	258	1	Serious
	PM-10 (1987)	San Bernardino County, CA	237	1	Moderate
	8-Hour Ozone (2008)	Los Angeles-San Bernardino Counties (West Mojave Desert), CA	868	2	Severe 15
	8-Hour Ozone (2008)	Riverside County (Coachella Valley), CA	426	1	Severe 15
	8-Hour Ozone (2015)	Los Angeles-San Bernardino Counties (West Mojave Desert), CA	867	2	Severe 15
	8-Hour Ozone (2015)	Riverside County (Coachella Valley), CA	425	1	Severe 15
CA	<b>Tuscan Buttes</b>				
	8-Hour Ozone (2008)	Tuscan Buttes, CA	0	1	Marginal
	8-Hour Ozone (2015)	Tuscan Buttes, CA	0	1	Marginal (Rural
C 4	<b>V</b> 4 <b>C</b> 4				Transport)
CA	Ventura County	V C CA	000	1	G .
	8-Hour Ozone (2008)		823	1	Serious
$C\Lambda$	8-Hour Ozone (2015)	ventura County, CA	821	1	Serious
CA	Yuba City	System Dystem CA	0	1	Manainal
CO	8-Hour Ozone (2015) <b>Denver-Boulder-Greeley-</b>		U	1	Marginal
CO	· ·	D D 1.1 C 1 E4 C. 11			
	8-Hour Ozone (2008)	Loveland, CO	3,330	9	Serious
CT	` /	Denver Metro/North Front Range, CO	3,331	9	Marginal
CT	Greater Connecticut	G + G + GT	1.600		G :
		Greater Connecticut, CT	1,629	5	Serious
		Greater Connecticut, CT	1,629	5	Marginal
OC-MD- VA	Washington				
	8-Hour Ozone (2015)	Washington, DC-MD-VA	5,136	15	Marginal
GA	Atlanta				
	8-Hour Ozone (2015)	Atlanta, GA	3,669	7	Marginal
GU	Piti-Cabras				
	Sulfur Dioxide (1971)		1	1	Primary
	Sulfur Dioxide (2010)	Piti-Cabras, GU	6	1	Nonattainme
GU	<b>Tanguisson Power Plant</b>				
	Sulfur Dioxide (1971)	Tanguisson, GU	1	1	Primary
IA	Muscatine County				
	Sulfur Dioxide (2010)	Muscatine, IA	30	1	Nonattainmer
ID	Pocatello				
	PM-10 (1987)	Power-Bannock Counties; Fort Hall Indian Reservation, ID	1	2	Moderate
IL-IN- WI	Chicago-Joliet-Napier				
	8-Hour Ozone (2015)	Chicago, IL-IN-WI	9,075	11	Marginal
IN	Fort Wayne-Huntington-				
		Huntington, IN	21	1	Nonattainmer

Ctata	Simple Name	Nonattainment Avec Name		No. of	Category/
State	Pollutant	Nonattainment Area Name	Pop. (1000s)	Counties	
KS	Salina				
		Saline County, KS	0	1	Nonattainmen
KY	Henderson-Webster Cour	nties			
	Sulfur Dioxide (2010)	Henderson-Webster Counties, KY	7	2	Nonattainmen
KY-IN	Louisville				
	8-Hour Ozone (2015)	Louisville, KY-IN	1,061	5	Marginal
LA	Evangeline Parish				
		Evangeline Parish (Partial), LA	0	1	Nonattainmen
LA	New Orleans	2			
		St. Bernard Parish, LA	36	1	Nonattainmen
MA-NH	Boston-Worcester-Manch				
	8-Hour Ozone (2008)		17	1	Marginal
MD	Baltimore	z unite z e unity, mai i	- 7	_	11/10/18/11/01
	G 10 D: :1 (2010)	Anne Arundel County and Baltimore	222		
	Sulfur Dioxide (2010)	Anne Arundel County and Baltimore County, MD	990	2	Nonattainmen
	8-Hour Ozone (2008)	Baltimore, MD	2,663	6	Moderate
	8-Hour Ozone (2015)		2,663	6	Marginal
MI	Allegan County	Buttimore, 1418	2,003		Marginar
1411	8-Hour Ozone (2015)	Allegan County MI	47	1	Marginal
MI	Benton Harbor	megan county, wii	Т/	1	Warginar
1411	8-Hour Ozone (2015)	Rerrien County MI	157	1	Marginal
MI	Detroit-Ann Arbor	Derrien County, WII	137	1	Maigillai
IVII		Detroit MI	254	1	Nonattainmen
	Sulfur Dioxide (2010)		52		
	Sulfur Dioxide (2010)				Nonattainmen
N AT	8-Hour Ozone (2015)	Detroit, MI	4,705	7	Marginal
MI	Muskegon	M 1 C + M	1 47	1	3.6 ' 1
101		Muskegon County, MI	147	1	Marginal
MN	Minneapolis-St. Paul		0	-	<b>X T T</b>
		Eagan, MN	9	1	Nonattainmen
MO	Iron, Dent, and Reynolds				
	, ,	Iron, Dent, and Reynolds Counties, MO	0	3	Nonattainmen
MO	New Madrid County				
		New Madrid County, MO	0	1	Nonattainmen
MO-IL	St. Louis				
	Lead (1978)	Jefferson County (part); Herculaneum,	3	1	Nonattainmen
	Lead (1978)	MO	3	1	Nonattaninich
		Jefferson County, MO	5	1	Nonattainmen
	Sulfur Dioxide (2010)	Alton Township, IL	0	1	Nonattainmen
	8-Hour Ozone (2015)		2,488	8	Marginal
MT	Billings/Laurel				
	Sulfur Dioxide (1971)	Laurel Area (Yellowstone County), MT	7	1	Primary
MT	Lame Deer				<b>,</b>
	PM-10 (1987)	Rosebud County; Lame Deer, MT	1	1	Moderate
MT	Libby	<b>3</b> /			
	PM-2.5 (1997)	Libby, MT	9	1	Moderate
MT	Polson (Lake County)	21005, 1.11			1110 001000
1411	PM-10 (1987)	Lake County; Polson, MT	4	1	Moderate
MT	Ronan (Lake County)	Euro County, 1 oison, 1411			Wiodelate
1411	PM-10 (1987)	Lake County; Ronan, MT	3	1	Moderate
NV	Las Vegas	Lake County, Rollan, 1911	J	1	Moderate
		Las Vagas NV	1,892	1	Marginal
1N V		ILAS VESAS INV	1 04/		INITIONIAL
	8-Hour Ozone (2015)	245 70845, 177	1,072	1	iviai giiiai
	Jamestown 8-Hour Ozone (2015) 8-Hour Ozone (2008)		135	1	Marginal

State	Simple Name	Nonattainment Area Name	2010 Pop.	No. of	Category/
State	Pollutant	Nonattainment Area Name	Pop. (1000s)	Counties	
	Sulfur Dioxide (2010)	St. Lawrence County, NY	12	1	Nonattainmen
NY-NJ- CT	New York-N. New Jersey-	-Long Island			
	PM-10 (1987)	New York County, NY	1,586	1	Moderate
	8-Hour Ozone (2008)	New York-N. New Jersey-Long Island, NY-NJ-CT	20,217	24	Serious
	8-Hour Ozone (2015)	New York-Northern New Jersey-Long Island, NY-NJ-CT	20,217	24	Moderate
ОН	Cleveland-Akron-Elyria				
	8-Hour Ozone (2015)	Cleveland, OH	2,780	7	Marginal
OH-KY- IN	Cincinnati-Middletown-V	Vilmington			
111	8-Hour Ozone (2015)	Cincinnati OH-KY	1,929	7	Marginal
OR	Klamath Falls	ememmen, on it	1,020	,	iviaigiliai
		Klamath Falls, OR	47	1	Moderate
PA	Clearfield and Indiana Co				Moderate
	Sulfur Dioxide (2010)		93	2	Nonattainmen
PA	Lancaster		, , ,	_	1 (01100000111111011
	8-Hour Ozone (2008)	Lancaster, PA	519	1	Marginal
PA	Pittsburgh-New Castle	Danieustei, 111	519	_	Trianginar
***	Lead (2008)	Lower Beaver Valley, PA	18	1	Nonattainmen
	PM-2.5 (1997)	Liberty-Clairton, PA	21	1	Moderate
	PM-2.5 (2006)	Liberty-Clairton, PA	21	1	Moderate
	PM-2.5 (2012)	Allegheny County, PA	1,223	1	Moderate
		Armstrong County: Madison,	1,223	1	Wioderate
	Sulfur Dioxide (1971)	Mahoning, Boggs, Washington, Pine, PA	5	1	Primary
	Sulfur Dioxide (2010)	Allegheny, PA	127	1	Nonattainmen
	Sulfur Dioxide (2010)		15		Nonattainmen
		Pittsburgh-Beaver Valley, PA	2,356	7	Marginal
PA	Reading	r mooding in Bouver valley, 111	2,500	,	Trianginar
	Lead (2008)	Lyons, PA	19	1	Nonattainmen
		North Reading, PA	29		Nonattainmen
	8-Hour Ozone (2008)		411	1	Marginal
PA	Warren County	reduing, 171	111		Trianginar
171	Sulfur Dioxide (2010)	Warren PA	18	1	Nonattainmen
PA-NJ	Allentown-Bethlehem-Ea		10	1	1 40HattaHHHTCH
171-143	Sulfur Dioxide (1971)		109	1	Primary, Secondary
	8-Hour Ozone (2008)	Allentown-Bethlehem-Easton, PA	712	3	Marginal
PA-NJ- DE-MD	Philadelphia-Wilmington	·	712		iviaigmai
	8-Hour Ozone (2008)	Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE	7,437	16	Marginal
	8-Hour Ozone (2008)	Seaford, DE	197	1	Marginal
	8-Hour Ozone (2015)	Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE	7,437	16	Marginal
PR	Arecibo				
	Lead (2008)	Arecibo, PR	32	1	Nonattainmen
PR	Guayama-Salinas	<del></del>		*	
		Guayama-Salinas, PR	23	1	Nonattainmen
PR	San Juan	Can Jama Samuo, 110		1	ı (Ollanalılılı)
TIC	Sulfur Dioxide (2010)	San Juan, PR	275	5	Nonattainmen
TN	Johnson City-Kingsport-		213		ı Ollattallillell
***	Sulfur Dioxide (2010)		15	1	Nonattainmen
	L Saliai Dionide (2010)	Summer County, 111	10		- Tonattanninen

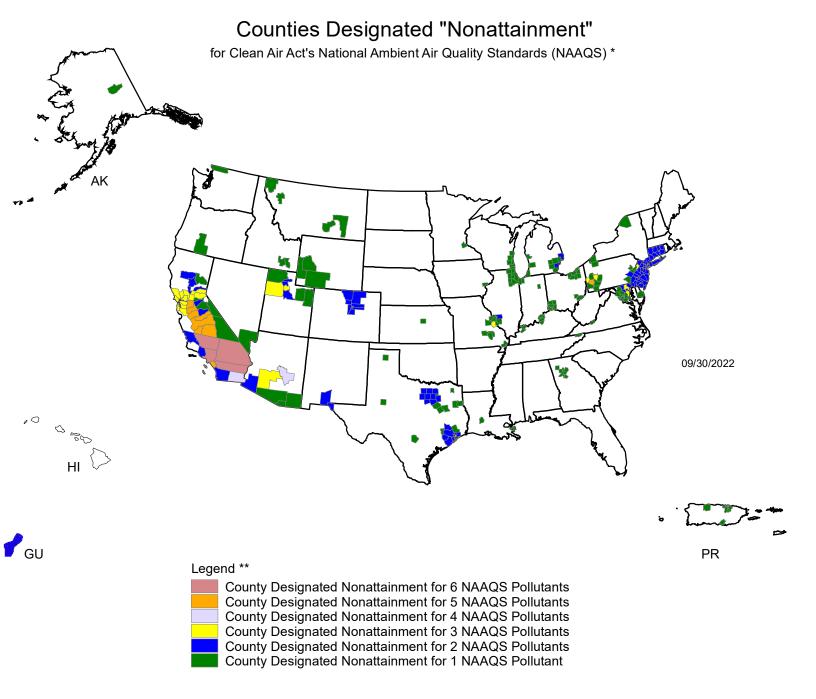
State	Simple Name	Nonattainment Area Name	2010 Pop.	No. of Counties	Category/ Class.
	Pollutant		(1000s)	Counties	Class.
TX	Dallas-Fort Worth				
		Dallas-Fort Worth, TX	6,280	10	Serious
	· /	Dallas-Fort Worth, TX	6,202	9	Marginal
TX	Fairfield				
		Freestone and Anderson Counties, TX	4	2	Nonattainment
TX	<b>Houston-Sugar Land-Bay</b>	town			
		Houston-Galveston-Brazoria, TX	5,892	8	Serious
		Houston-Galveston-Brazoria, TX	5,773	6	Marginal
TX	Howard County				
	Sulfur Dioxide (2010)	Howard County, TX	0	1	Nonattainment
TX	Hutchinson County				
		Hutchinson County, TX	15	1	Nonattainment
TX	Mount Pleasant				
	Sulfur Dioxide (2010)	Titus County, TX	0	1	Nonattainment
TX	Navarro County				
	Sulfur Dioxide (2010)	Navarro County, TX	2	1	Nonattainment
TX	San Antonio				
	8-Hour Ozone (2015)	San Antonio, TX	1,715	1	Marginal
TX	Tatum				
		Rusk and Panola Counties, TX	2	2	Nonattainment
TX-NM	El Paso-Las Cruces				
		Dona Ana County; Anthony, NM	3	1	Moderate
	PM-10 (1987)	El Paso County, TX	649	1	Moderate
	8-Hour Ozone (2015)	El Paso-Las Cruces, TX-NM	813	2	Marginal
UT	Provo				
	PM-2.5 (2006)	Provo, UT	518	1	Serious
	8-Hour Ozone (2015)	Southern Wasatch Front, UT	516	1	Marginal
UT	Salt Lake City				
	PM-2.5 (2006)	Salt Lake City, UT	1,665	5	Serious
	Sulfur Dioxide (1971)	Salt Lake County, UT	1,030	1	Primary, Secondary
	8-Hour Ozone (2015)	Northern Wasatch Front, UT	1,616	4	Marginal
UT	<b>Tooele County</b>	· · · · · · · · · · · · · · · · · · ·			U
	Sulfur Dioxide (1971)	Tooele County, UT	58	1	Primary, Secondary
UT	Uinta Basin				Becondary
<u> </u>	8-Hour Ozone (2015)	Hinta Rasin HT	47	2	Marginal
VA	Giles County	ema Busin, e i	1,		Trial Siliai
V 2 L	Sulfur Dioxide (2010)	Giles County VA	0	1	Nonattainment
WA	Whatcom County	Gires county, VII	U	1	1 40HattaHHHCHt
***		Whatcom County, WA	0	1	Nonattainment
WI	Milwaukee-Racine	Whateom County, W1	U	1	1 TOHALLAHIMICHL
**1	8-Hour Ozone (2015)	Milwaukee WI	1,648	5	Marginal
WI	Sheboygan	water, wi	1,070		Widigilal
** 1		Sheboygan County, WI	68	1	Marginal
WV-OH	Parkersburg-Marietta	oncooygan country, 111	00	1	1viai gillai
,, , -O11		Muskingum River, OH	4	2	Nonattainment
WY	Upper Green River Basin		т т		1 Tonattaniment
** 1		Upper Green River Basin Area, WY	11	3	Marginal
	5 110th 520He (2000)	opport of the first bushing the first			1.141511141

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Connect.

Follow.

2022-09-30



<sup>\*</sup> The National Ambient Air Quality Standards (NAAQS) are health standards for Carbon Monoxide, Lead (1978 and 2008), Nitrogen Dioxide, 8-hour Ozone (2008), Particulate Matter (PM-10 and PM-2.5 (1997, 2006 and 2012), and Sulfur Dioxide.(1971 and 2010)

<sup>\*\*</sup> Included in the counts are counties designated for NAAQS and revised NAAQS pollutants. Revoked 1-hour (1979) and 8-hour Ozone (1997) are excluded. Partial counties, those with part of the county designated nonattainment and part attainment, are shown as full counties on the map.



## U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT WASHINGTON, DC 20410-1000

#### Coastal Zone Management Act (CEST and EA) – PARTNER

https://www.onecpd.info/environmental-review/coastal-zone-management

Projects located in the following states must complete this form.

rojects located i	ir the following st	aces mast compr	ete tins form.		
Alabama	Florida	Louisiana	Mississippi	Ohio	Texas
Alaska	Georgia	Maine	New Hampshire	Oregon	Virgin Islands
American	Guam	Maryland	New Jersey	Pennsylvania	Virginia
Samona					
California	Hawaii	Massachusetts	New York	Puerto Rico	Washington
Connecticut	Illinois	Michigan	North Carolina	Rhode Island	Wisconsin
Delaware	Indiana	Minnesota	Northern	South Carolina	
			Mariana Islands		

# 1. Is the project located in, or does it affect, a Coastal Zone as defined in your state Coastal Management Plan?

⊔ yes →	Continue to Question 2.
$\boxtimes$ No $\rightarrow$	If the RE/HUD agrees with this recommendation, the review is in compliance with this
	section. Continue to the Worksheet Summary below. Provide a map showing that the site
	is not within a Coastal Zone.

If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide documentation used to make

#### 2. Does this project include activities that are subject to state review?

Continue to Question 3.

	your determination.
3.	Has this project been determined to be consistent with the State Coastal Management Program?  □Yes, with mitigation. → The RE/HUD must work with the State Coastal Management  Program to develop mitigation measures to mitigate the impact or effect of the project.
	$\Box$ Yes, without mitigation. $\Rightarrow$ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide documentation used to make your determination.
	$\square$ No $\rightarrow$ <u>Project cannot proceed at this location.</u>

#### **Worksheet Summary**

 $\square$ Yes  $\rightarrow$ 

 $\square$ No  $\rightarrow$ 

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

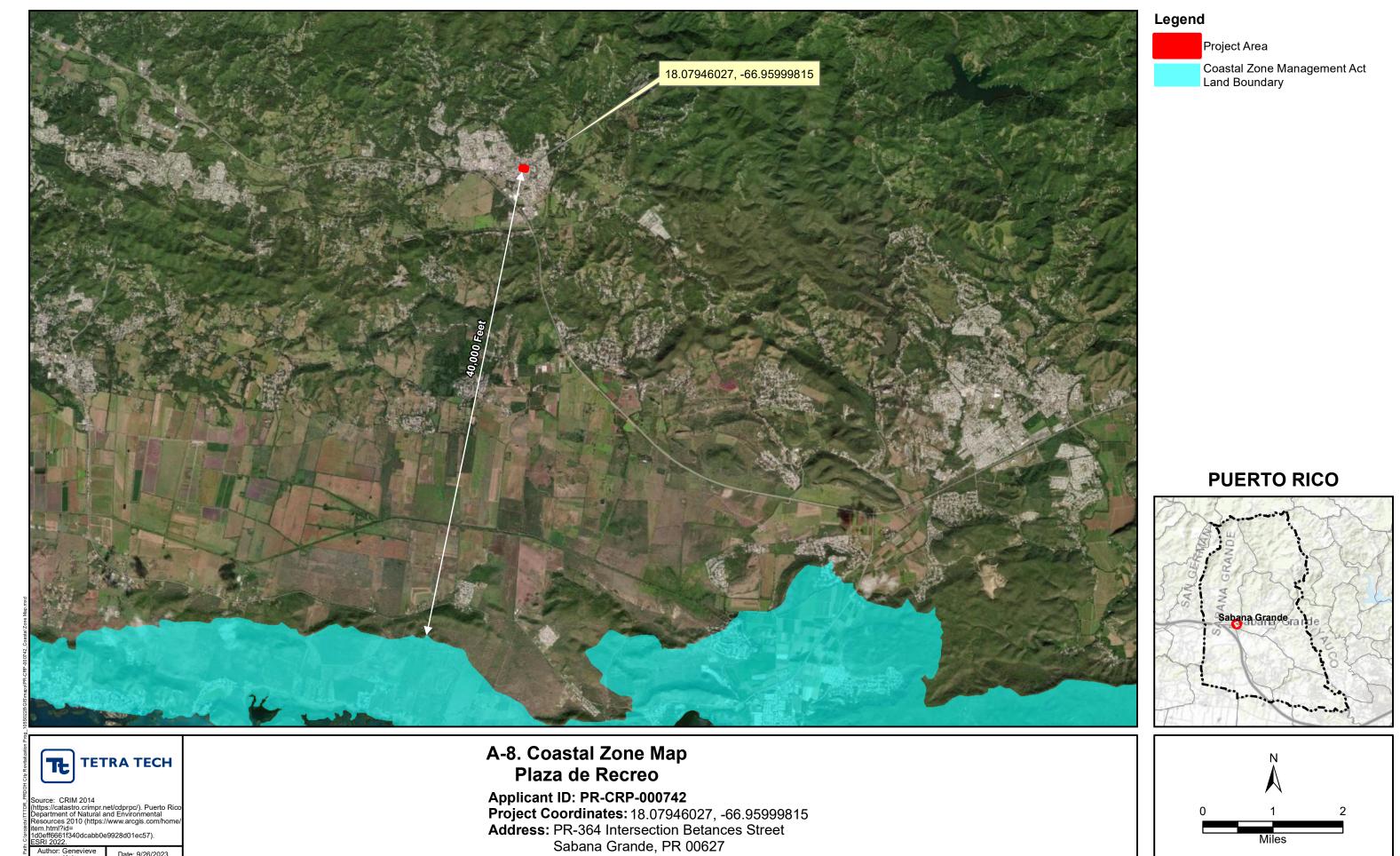
• Map panel numbers and dates

- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

#### Include all documentation supporting your findings in your submission to HUD.

Sabana Grande is not a coastal town, so the project site is not located near any designated Coastal Zone or Coastal Zone Management. The coastal extend in Puerto Rico is generally 1,000 meters inland which might extend further inland to cover important coastal resources such as wetlands. This information is obtained from the Puerto Rico Coastal Management Zone Program of the Department of Natural and Environmental Resources. Closest Coastal Zone is approximately 40,000 Feet south of the Project area. Therefore, this topic complies with the regulation.

Refer to Attachment - and B-



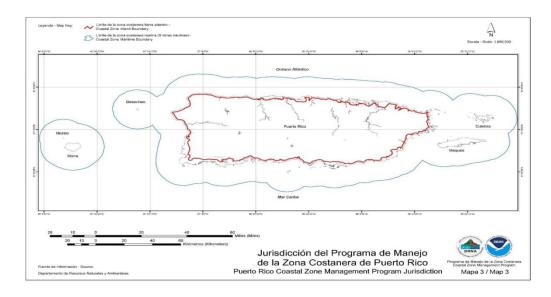
STATE COASTAL ZO February 9, 2012	NE BOUNDARIES
STATE	DEFINITION OF STATE'S COASTAL ZONE (The seaward boundary of the Great Lake States is the U.SCanada International boundary, and for all other States is the 3 nautical mile territorial sea, except for those States marked with an asterisk (*)
ALABAMA	Alabama's coastal zone extends inland to the continuous 10-foot elevation contour in Baldwin and Mobile Counties.
ALASKA	As of July 1, 2011, Alaska no longer has a federally approved coastal management program or defined coastal zone and federal consistency does not apply to Alaska. Contact NOAA's Office of Ocean and Coastal Resource Management for additional information.
AMERICAN SAMOA	American Samoa's coastal zone is the entire Territory.
CALIFORNIA & BCDC	California's coastal zone generally extends 1,000 yards inland from the mean high tide line. In significant coastal estuarine habitat and recreational areas it extends inland to the first major ridgeline or 5 miles from the mean high tide line, whichever is less. In developed urban areas, the boundary is generally less than 1,000 yards.  The coastal zone for the San Francisco Bay Conservation and Development Commission (BCDC) includes the open water, marshes and mudflats of greater San Francisco Bay, and areas 100 feet inland from the line of highest tidal action. The boundary also includes: the Suisun marsh and buffer zone: managed wetlands diked off from the Bay; and open waters diked off from the Bay and used in salt production.
CONNECTICUT	Connecticut's coastal zone has two tiers incorporated within the 36 coastal townships. The first tier is bounded by a continuous line delineated by a 1,000 foot linear setback measured from the mean high water mark in coastal waters; or a 1,000 foot linear setback measured from the inland boundary of state regulated tidal wetlands; or the continuous interior contour elevation of the one hundred year frequency coastal flood zone; whichever is farthest inland. The second tier is the area between the inland boundary of the 36 coastal communities and the inland boundary of the first tier.
DELAWARE	Delaware's coastal zone includes the whole state.
FLORIDA *	Florida's coastal zone is the entire State, but has two tiers. Local governments eligible to receive coastal management funds are limited to those Gulf and Atlantic coastal cities and counties which include or are contiguous to state water bodies where marine species of vegetation constitute the dominant plant community. Florida's seaward boundary in the Gulf of Mexico is 3 marine leagues (9 nautical miles) and is 3 nautical miles in the Atlantic.
GEORGIA	Georgia's coastal zone includes the 11 counties that border tidally-influenced waters or have economies that are closely tied to coastal resources.
GUAM	Guam's coastal zone is the entire Territory.
HAWAI'I	Hawai'i's coastal zone is the entire state.

ILLINOIS	Illinois' coastal zone has two components. The Lakeshore Boundary is based on the Lake Michigan watershed and is generally parallel to the Lake Michigan shoreline. The Inland Waterway Boundary includes Inland Waterway Corridors, which are select segments of the Chicago River system (North Branch, South Branch, Main Branch and North Shore Channel) and select segments of the Little Calumet and Grand Calumet Rivers. The Inland Waterway Corridors consist of both the waterway and designated land area to either side of the waterway.
INDIANA	Indiana's coastal zone is based on watershed boundaries within coastal townships and the counties of Lake, Porter and LaPorte. To create an inland boundary that is identifiable in practical landmarks, the coastal zone boundary is described based on the U.S. Geological Survey Quadrangle maps and major roads for each county. The coastal zone boundary is located in the northern portions of Lake, Porter, and LaPorte Counties. At its widest extent, the boundary extends away from the shoreline 17 miles to the Crown Point area and at its narrowest point, less than 2 miles, just north of Hudson Lake in LaPorte County. <i>See</i> NOAA, <i>Indiana Lake Michigan Coastal Program and Final Environmental Impact Statement</i> , Appendix C (April 2002), to determine the precise coastal zone boundary in a particular area of the State.
LOUISIANA	Louisiana's coastal zone varies from 16 to 32 miles inland from the Gulf coast and generally follows the Intracoastal Waterway running from the Texas-Louisiana state line then follows highways through Vermilion, Iberia, and St. Mary parishes, then dipping southward following the natural ridges below Houma, then turning northward to take in Lake Pontchartrain and ending at the Mississippi-Louisiana border.
MAINE	Maine's coastal zone includes the inland line of coastal towns on tidewaters and all islands.
MARYLAND	Maryland's coastal zone extends to the inland boundary of the 16 counties bordering the Atlantic Ocean, the Chesapeake Bay, and the Potomac River (as far as the municipal limits of Washington, D.C), and includes Baltimore City and all local jurisdictions within the counties.
MASSACHUSETTS	Massachusetts' coastal zone extends 100 feet inland of specified major roads, RR tracks, or other visible right of ways which are located within a half mile of coastal waters or salt marshes. The coastal zone includes all islands, transitional and intertidal areas, and coastal wetlands and beaches. In instances where the road boundary excludes significant resource areas, the boundary line may depart from the road to encompass.
MICHIGAN	Michigan's coastal zone, generally, extends a minimum of 1,000 feet from the ordinary high water mark. The boundary extends further inland in some locations to encompass coastal lakes, rivermouths, and bays; floodplains; wetlands; dune areas; urban areas; and public park, recreation, and natural areas.
MINNESOTA	Minnesota's coastal zone is divided into three areas. The first includes the area of the St. Louis River in Carlton County, south of Duluth. The second is the city of Duluth and surrounding areas of urban growth and expansion to the north and west. The third is the region between the Duluth city limits north to the Canadian border, also known as the "North Shore," which includes portions of St. Louis, Lake, and Cook Counties. See NOAA, Minnesota's Lake Superior Coastal Program Final Environmental Impact Statement, Chapter One, (May 1999), to determine the precise coastal zone boundary in a particular area of the State.

	·
MISSISSIPPI	Mississippi's coastal zone includes the 3 counties adjacent to the coast. The coastal zone includes these counties, as well as all adjacent coastal waters. Included in this definition are the barrier islands of the coast.
NEW HAMPSHIRE	New Hampshire's coastal zone is the 17 coastal municipalities.
NEW JERSEY	New Jersey's coastal zone recognizes four distinct regions of the State and treats them separately. From the New York border to the Raritan Bay, the boundary extends landward from mean high water to the first road or property line. From the Raritan Bay south along the Atlantic shoreline and up to the Delaware Memorial Bridge, the boundary extends from half a mile to 24 miles inland (1,376 square miles of land area). From the Delaware Memorial Bridge northward up the Delaware River to Trenton, the boundary extends landward to the first road inclusive of all wetlands. The fourth boundary serves a 31-mile square area in the northeast corner of the state bordering the Hudson river (New Jersey Meadowlands Commission).
NEW YORK	New York's coastal zone varies from region to region while incorporating the following conditions: The inland boundary is approximately 1,000 feet from the shoreline of the mainland. In urbanized and developed coastal locations the landward boundary is approximately 500 feet from the mainland's shoreline, or less than 500 feet where a roadway or railroad line runs parallel to the shoreline at a distance of under 500 feet and defines the boundary. In locations where major state-owned lands and facilities or electric power generating facilities abut the shoreline, the boundary extends inland to include them. In some areas, such as Long Island Sound and the Hudson River Valley, the boundary may extend inland up to 10,000 feet to encompass significant coastal resources, such as areas of exceptional scenic value, agricultural or recreational lands, and major tributaries and headlands.
NORTH CAROLINA	North Carolina's coastal zone includes the 20 counties that in whole or in part are adjacent to, adjoining, intersected by or bounded by the Atlantic Ocean or any coastal sound(s). Within this boundary, there are two tiers. The first tier is comprised of Areas of Environmental Concern (AEC) and is subject to more thorough regulatory controls. AECs include: coastal wetlands, estuarine waters, public trust areas, estuarine shorelines, ocean beaches, frontal dunes, ocean erosion areas, inlet lands, small surface water supply watersheds, pubic water supply well-fields, and fragile natural resource areas. The second tier includes land uses which have potential to affect coastal waters even though they are not located in AECs.
NORTHERN MARIANA ISLANDS	Northern Mariana Islands' coastal zone is the entire Commonwealth. (Note: a recent federal court decision ruled that the Commonwealth does not own the adjacent territorial sea. A consent decree allows the CNMI to manage the area.)
оню	Ohio's coastal zone includes portions of 9 counties bordering Lake Erie and its tributaries and varies depending on biophysical characteristics of various coastal regions— in the western part of the coast the boundary extends inland up to 15 miles along certain low lying wetland and floodplain areas; in most of the eastern part of the State, areas with high bluffs, the boundary extends inland for only about an eighth of a mile, with the exception of the Mentor Marsh area.
OREGON	Oregon's coastal zone extends inland to the crest of the coastal range, except for the following: along the Umpqua River, where it extends upstream to Scottsburg; along the Rogue River, where it extends upstream to Agness; and except in the Columbia River Basin, where it extends upstream to the downstream end of Puget Island.

PENNSYLVANIA	Pennsylvania's coastal zone along Lake Erie varies from 900 feet in urban areas to over 3 miles in more rural areas, and encompasses the floodplains of Lake Erie and tributary streams, bluff hazards recession areas, and coastal wetlands. The coastal zone along the Delaware River Estuary extends inland to 660 feet in urbanized areas, to 3.5 miles in rural areas, and includes floodplains of the Delaware and Schuykill Rivers and their tributaries to the upper limit of tidal influence, and tidal and freshwater wetlands.
PUERTO RICO *	Puerto Rico's coastal zone, generally, extends 1,000 meters inland; however, it extends further inland in certain areas to include important coastal resources. Puerto Rico's seaward boundary is 3 marine leagues (9 nautical miles).
RHODE ISLAND	Rhode Island's coastal zone includes the whole state. However, the inland extent of the regulatory authority of the State's CZMA agency is 200 feet inland from any coastal feature, to watersheds, and to certain activities that occur anywhere within the State that include: power-generating plants; petroleum storage facilities; chemical or petroleum processing; minerals extraction; sewage treatment and disposal plants; solid waste disposal facilities; and, desalination plants.
SOUTH CAROLINA	South Carolina's coastal zone includes all lands and waters in the counties which contain any one or more of the critical areas (coastal waters, tidelands, beaches, and primary oceanfront sand dunes).
TEXAS *	Texas' coastal zone is generally the area seaward of the Texas coastal facility designation line which roughly follows roads that are parallel to coastal waters and wetlands generally within one mile of tidal rivers. The boundary encompasses all or portions of 18 coastal counties. Texas' seaward boundary is 3 marine leagues (9 nautical miles).
VIRGINIA	Virginia's coastal zone includes the 29 counties, 17 cities, and 42 incorporated towns of <i>Tidewater Virginia</i> , including the Atlantic Coast watershed and portions of the Chesapeake Bay and Albemarle-Pamlico Sound watersheds.
VIRGIN ISLANDS	Virgin Islands' coastal zone includes the entire territory.
WASHINGTON	Washington's coastal zone is the 15 coastal counties that front saltwater.
WISCONSIN	Wisconsin's coastal zone is the 15 counties that front Lake Superior, Lake Michigan, or Green Bay.

...a 1,000 meter wide belt of coastal lands or additional distances needed to protect key coastal natural systems, the Territorial waters, and submerged lands beneath them extending 9 nautical miles offshore, as well as the Vieques, Culebra, Mona islands, and all keys and islets within the Puerto Rico jurisdiction.



In Puerto Rico, approximately 419,000 people live within the coastal zone, and 2.3 million live within the 44 coastal municipalities of the Commonwealth. These populations are exposed to specific hazards such as coastal and riverine flooding, tsunamis, hurricanes, landslides, earthquakes and droughts. Hazard events and related social consequences are described in historical documents dating back before and after the Spanish-American War, specifically hurricanes, and some have been described and passed on through oral history, pottery, and petroglyphs since the Taino Indians. Vulnerabilities to these recurring hazards are widespread in Puerto Rico and a result of multiple factors, such as continuing development in high hazards areas, poor maintenance of existing shoreline stabilization structures and stormwater management systems, poor maintenance and dredging of rivers, canals and reservoirs, lack of soil management practices on land and in watersheds, and from the elimination of dunes, reefs, mangroves, and other naturally protective features that reduce the negative effects of hazard events. While these problems persist, some corrective measures have been implemented since the 1970s, such as water quality and flood control initiatives, habitat restoration and other enhancement projects.

A new threat has the potential to exacerbate these already existing vulnerabilities and may even create new ones – climate change. Many decisions made on a daily, weekly, annual, and decadal basis in Puerto Rico come with a long-term commitment and can be very sensitive to climate conditions. Examples of these types of decisions include land-use plans, risk management strategies, infrastructure development for water management or transportation, coastline and flood defenses (e.g., dikes, shoreline stabilization structures, flood control and storm-water management infrastructure design), urbanism (e.g., urban density, parks), energy production, and building design and norms. These decisions have consequences over periods of

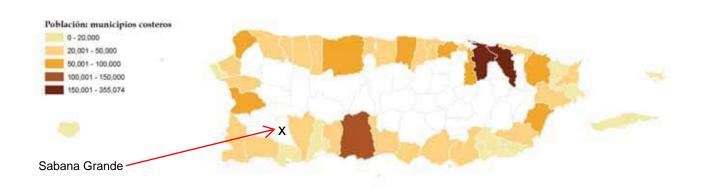
# LA COSTA DE PUERTO RICO

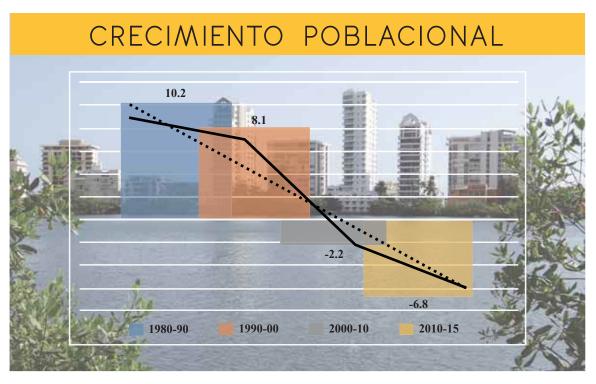


799 Millas de costa



# La población en los municipios costeros según el CENSO 2010 es de 2.317.189 habitantes





Datos del Negociado del Censo Federal (NFC)

Durante décadas, la población de Puerto Rico tuvo un patrón de crecimiento ascendente. Esta tendencia cambió a partir de la década del 2000 cuando se reflejó una baja poblacional de 2.2% según los resultados del Censo de Población y Vivienda 2010. Esta tendencia descendente continúa. Así lo demuestran las cifras de los estimados de población anual del Negociado del Censo Federal. Se estima que al 2015, la población se redujo un 6.8%. Se trata de una baja acelerada en cinco años, cuando se compara con 2.2% en la década anterior. Esto representa una merma de 9% de la población del 2000 al presente.



## U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT WASHINGTON, DC 20410-1000

# Contamination and Toxic Substances (Multifamily and Non-Residential Properties) – PARTNER

https://www.hudexchange.info/programs/environmental-review/site-contamination

1.	How was site contamination evaluated? Select all that apply.
	☐ ASTM Phase I ESA
	☐ ASTM Phase II ESA
	☐ Remediation or clean-up plan
	☐ ASTM Vapor Encroachment Screening
	☑ None of the above
	→ Provide documentation and reports and include an explanation of how site contamination
	was evaluated in the Worksheet Summary.
	Continue to Question 2.

2. Were any on-site or nearby toxic, hazardous, or radioactive substances found that could affect the health and safety of project occupants or conflict with the intended use of the property? (Were any recognized environmental conditions or RECs identified in a Phase I ESA and confirmed in a Phase II ESA?)

 $\boxtimes$  No  $\rightarrow$  Explain below.

A Field Inspection completed on May 20, 2022, identified no Recognized Environmental Conditions (RECs) for the project. (See Attachment C for photographs.)

According to EPA NEPAssist, no known hazardous materials, contamination, toxic chemicals, gases, and radioactive substances are on the project site. NEPAssist also found no superfund or brownfield sites at the project site. According to NEPAssist web tool, there are 7 EPA-listed facilities recorded within 3000 feet of the project area. None of the RCRA sites have any releases reported or any EPA formal or informal action reported for the last three years in EPA's ECHO reports. The Henkel TSCA facility shows three years of reporting violations under the Clean Water Act. Due to distance and the project type, the violations would not affect the intended use of the property. These sites do not have any releases reported or any EPA formal or informal action reported for the last five years in EPA's Enforcement and Compliance History Online (ECHO).

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.

<sup>&</sup>lt;sup>1</sup> HUD regulations at 24 CFR § 58.5(i)(2)(ii) require that the environmental review for multifamily housing with five or more dwelling units or non-residential property include the evaluation of previous uses of the site or other evidence of contamination on or near the site. For acquisition and new construction of multifamily and nonresidential properties HUD strongly advises the review include an ASTM Phase I Environmental Site Assessment (ESA) to meet real estate transaction standards of due diligence and to help ensure compliance with HUD's toxic policy at 24 CFR §58.5(i) and 24 CFR §50.3(i). Also note that some HUD programs require an ASTM Phase I ESA.

	$\square$ Yes $\rightarrow$ Describe the findings, including any recognized environmental conditions
	(RECs), in Worksheet Summary below. Continue to Question 3.
3.	Can adverse environmental impacts be mitigated?
	☐ Adverse environmental impacts cannot feasibly be mitigated → <u>HUD assistance may not be used for the project at this site</u> . <u>Project cannot proceed at this location</u> .
	<ul> <li>☐ Yes, adverse environmental impacts can be eliminated through mitigation.</li> <li>→ Provide all mitigation requirements<sup>2</sup> and documents. Continue to Question 4.</li> </ul>
4.	Describe how compliance was achieved. Include any of the following that apply: State Voluntary Clean-up Program, a No Further Action letter, use of engineering controls <sup>3</sup> , or use of institutional controls <sup>4</sup> .  Click here to enter text.
	If a remediation plan or clean-up program was necessary, which standard does it follow?  ☐ Complete removal ☐ Risk-based corrective action (RBCA)  → Continue to the Worksheet Summary.

#### **Worksheet Summary**

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

#### Include all documentation supporting your findings in your submission to HUD.

HUD policy requires the project site and adjacent areas to be free of hazardous materials, contamination, toxic chemicals and gases, and radioactive substances where a hazard could affect health and safety of occupants of the property or conflict with intended use of the property.

<sup>&</sup>lt;sup>2</sup> Mitigation requirements include all clean-up actions required by applicable federal, state, tribal, or local law. Additionally, provide, as applicable, the long-term operations and maintenance plan, Remedial Action Work Plan, and other equivalent documents.

<sup>&</sup>lt;sup>3</sup> Engineering controls are any physical mechanism used to contain or stabilize contamination or ensure the effectiveness of a remedial action. Engineering controls may include, without limitation, caps, covers, dikes, trenches, leachate collection systems, signs, fences, physical access controls, ground water monitoring systems and ground water containment systems including, without limitation, slurry walls and ground water pumping systems.

<sup>&</sup>lt;sup>4</sup> Institutional controls are mechanisms used to limit human activities at or near a contaminated site, or to ensure the effectiveness of the remedial action over time, when contaminants remain at a site at levels above the applicable remediation standard which would allow for unrestricted use of the property. Institutional controls may include structure, land, and natural resource use restrictions, well restriction areas, classification exception areas, deed notices, and declarations of environmental restrictions.

A Field Inspection completed on May 20, 2022, identified no Recognized Environmental Conditions (RECs) for the project.

(See Attachment C for photographs.)

According to EPA NEPAssist, no known hazardous materials, contamination, toxic chemicals, gases, and radioactive substances are on the project site. NEPAssist also found no superfund or brownfield sites at the project site.

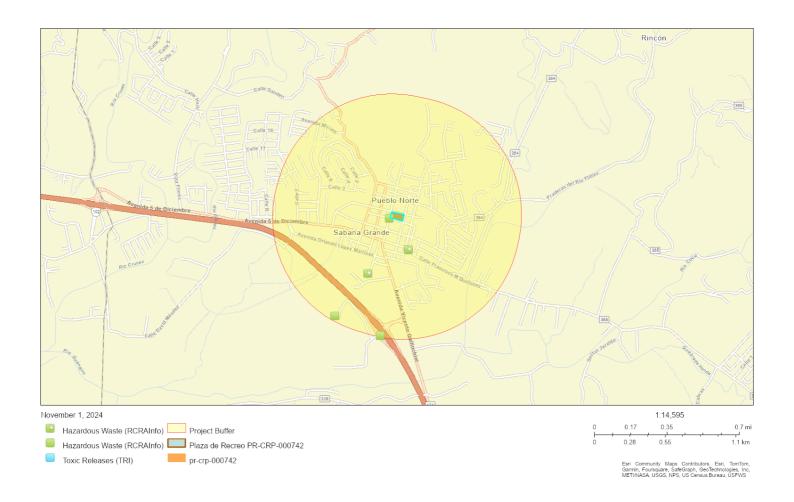
According to NEPAssist web tool, even though the project area is not within any contamination or toxic substances site, there are 7 EPA-listed facilities recorded within 3000 feet of the project area:

- 1. The closest RCRA is a Shell Station (Shell SS 1740 located at G Martinez 2 approximately 30 feet south to the south-western limit of the Plaza de Recreo. The location of this station doesn't seem to be accurate since there is no gas station at the referred location as marked in the NEPAssist map. This is marked in Attachment 15 with a number 1.
- 2. RCRA PRASA Sabana Grande Filter Plant located at PR-364 Km.0.6 int. approximately 350 meters East to the project area
- 3. RCRA Total Petroleum Puerto Rico Corp-Service Station 310290 located at Francisco M. Quiñones Ave #32 approximately 253 meters South- East of the project area
- 4. RCRA Total Petroleum Puerto Rico Corp-Service Station 104302 located at Quilinchini Ave #26 approximately 500 meters South-West of the project area
- 5. TSCA Henkel Puerto Rico Inc located at Quilinchini Ave. #9 approximately 600 meters South-West of the Project Area.
- 6. RCRA- Sabana Grande Wastewater Treatment Plant at State Rd 2, KM 215, approximately 875 meters South-West of the project area.
- 7. RCRA- ESSO Standard Oil 370 at Carr 121 65th Infanteria 7, approximately 321meters South-West of the project area.

USEPA's Superfund, Envirofacts, and Enforcement and Compliance History Online (ECHO) reports were reviewed for more detailed information on statuses of these facilities. None of the RCRA sites have any releases reported or any EPA formal or informal action reported for the last three years in EPA's ECHO reports. The Henkel TSCA facility shows three years of reporting violations under the Clean Water Act. Due to distance and the project type, the violations would not affect the intended use of the property. These sites do not have any releases reported or any EPA formal or informal action reported for the last five years in EPA's Enforcement and Compliance History Online (ECHO). Prior to demolition, an investigation for asbestos containing material (ACM) and lead-based paint (LBP) would be conducted. If the presence of these materials is found, they will be removed and disposed of in accordance with the applicable laws and regulations. The project will not involve residents or increase in occupancy of any structure. There would be no increase in risk associated with the proposed project.

Radon would not be a considered a hazard for the project because the project includes no enclosed, occupied structures. Therefore, this topic complies with the regulation. See Attachments B-9, and C.

# A-10 NEPAssist Report Plaza de Recreo PR-CRP-000742



Input Coordinates: 18.079705,-66.960071,18.079517,-66.959146,18.079039,-66.959262,18.0766.960197,18.079705,-66.960071	79312,-
Project Area	0.00 sq mi
Within 3000 feet of an Ozone 1-hr (1979 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of an Ozone 8-hr (2015 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a CO Annual (1971 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a NO2 Annual (1971 standard) Non-Attainment/Maintenance Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	no
Within 3000 feet of an impaired waterbody?	yes
Within 3000 feet of a waterbody?	yes
Within 3000 feet of a stream?	yes
Within 3000 feet of an NWI wetland?	Available Online
Within 3000 feet of a Brownfields site?	no

Within 3000 feet of a Superfund site?	no
Within 3000 feet of a Toxic Release Inventory (TRI) site?	yes
Within 3000 feet of a water discharger (NPDES)?	yes
Within 3000 feet of a hazardous waste (RCRA) facility?	yes
Within 3000 feet of an air emission facility?	yes
Within 3000 feet of a school?	no
Within 3000 feet of an airport?	no
Within 3000 feet of a hospital?	no
Within 3000 feet of a designated sole source aquifer?	no
Within 3000 feet of a historic property on the National Register of Historic Places?	yes
Within 3000 feet of a Chemical Data Reporting (CDR) site?	yes
Within 3000 feet of a Land Cession Boundary?	no
Within 3000 feet of a tribal area (lower 48 states)?	no
Within 3000 feet of the service area of a mitigation or conservation bank?	no
Within 3000 feet of the service area of an In-Lieu-Fee Program?	no
Within 3000 feet of a Public Property Boundary of the Formerly Used Defense Sites?	no
Within 3000 feet of a Munitions Response Site?	no
Within 3000 feet of an Essential Fish Habitat (EFH)?	yes
Within 3000 feet of a Habitat Area of Particular Concern (HAPC)?	no
Within 3000 feet of an EFH Area Protected from Fishing (EFHA)?	no
Within 3000 feet of a Bureau of Land Management Area of Critical Environmental Concern?	no
Within 3000 feet of an ESA-designated Critical Habitat Area per U.S. Fish & Wildlife Service?	no
Within 3000 feet of an ESA-designated Critical Habitat river, stream or water feature per U.S. Fish & Wildlife Service?	no

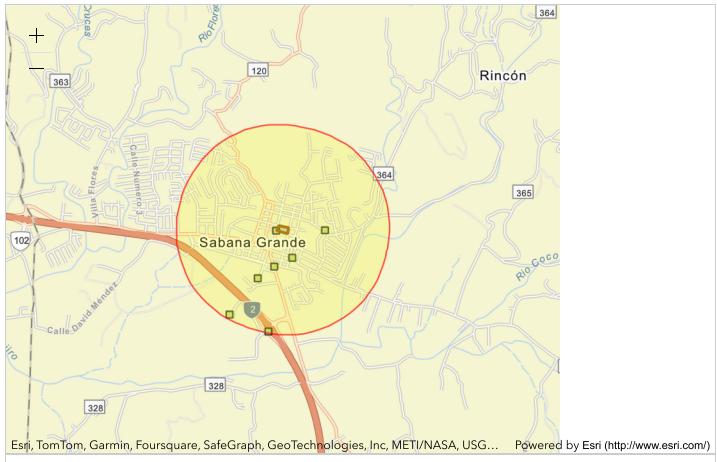
Created on: 11/1/2024 11:00:55 PM

# **NEPAssist**

Home (https://www.epa.gov/nepa/nepassist)

Help (help/NEPAssistHelp.pdf)

US Environmental Protection Agency
(//www.epa.gov)



#### Report question: Within 3000 feet of a Hazardous waste site? yes

Modify question by entering a new buffer distance and unit for the selected study area:

Name

☐ HENKEL PUERTO RICO INC (SABANA GRANDE,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?

**Distance** 2962.00 feet

handlerId=PRD090506239) **Registry ID:** 110000307793

**Primary Name:** HENKEL PUERTO RICO INC **Address:** 9 VICENTE QUILICHINI AVENUE

**City:** SABANA GRANDE **County:** SABANA GRANDE

State: PR

**EPA Region:** Region 02 **ZIP Code:** 00637 **Latitude:** 18.071036 **Longitude:** -66.960911

**Program\_System Acronym:** RCRAINFO **Program System ID:** PRD090506239

FIPS Code: 72121 HUC Code:

Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRD090506239

Name **Distance** 2962.00 feet LOCTITE PUERTO RICO INC (SABANA GRANDE,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility? handlerId=PRD982274383) **Registry ID:** 110000307793 Primary Name: LOCTITE PUERTO RICO INC Address: ROAD 121 KM 0 3 City: SABANA GRANDE County: SABANA GRANDE State: PR EPA Region: Region 02 **ZIP Code:** 00747 Latitude: 18.071036 Longitude: -66.960911 Program\_System Acronym: RCRAINFO Program System ID: PRD982274383 **FIPS Code: 72121 HUC Code:** Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRD982274383 ☐ SABANA GRANDE STP (SABANA GRANDE,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility? 2872.33 feet handlerId=PRD000691477) **Registry ID:** 110000561678 Primary Name: SABANA GRANDE STP Address: STATE RD 2 KM 215 0 City: SABANA GRANDE **County: SABANA GRANDE** State: PR EPA Region: Region 02 **ZIP Code: 00747** Latitude: 18.072417 Longitude: -66.96425 Program\_System Acronym: RCRAINFO Program System ID: PRD000691477 **FIPS Code:** 72121 **HUC Code:** Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRD000691477 24.12 feet SHELL SS 1740 SABANA GRANDE (SABANA GRANDE,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility? handlerId=PRR000003996) **Registry ID:** 110004892705 Primary Name: SHELL SS 1740 SABANA GRANDE Address: G MARTINEZ 2 City: SABANA GRANDE County: SABANA GRANDE State: PR EPA Region: Region 02 **ZIP Code: 00637** Latitude: 18.079264 Longitude: -66.960245 Program\_System Acronym: RCRAINFO Program System ID: PRR000003996 **FIPS Code:** 72121 **HUC Code:** Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000003996

Name **Distance** ☐ ESSO STANDARD OIL CO PR CO 370 (SABANA GRANDE,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility? 1053.73 feet handlerId=PRR000011395) **Registry ID:** 110004895105 Primary Name: ESSO STANDARD OIL CO PR CO 370 Address: CARR 121 65TH INFANTERIA 7 City: SABANA GRANDE County: SABANA GRANDE State: PR EPA Region: Region 02 **ZIP Code:** 00637 Latitude: 18.076339 Longitude: -66.960406 Program\_System Acronym: RCRAINFO Program System ID: PRR000011395 **FIPS Code: 72121 HUC Code:** Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000011395 PRASA SABANA GRANDE FILTER PLT (SABANA GRANDE,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility? 1083.30 feet handlerId=PRR000014514) **Registry ID:** 110012220202 Primary Name: PRASA SABANA GRANDE FILTER PLT Address: PR 364 KM 0 6 INT City: SABANA GRANDE **County: SABANA GRANDE** State: PR EPA Region: Region 02 **ZIP Code:** 00637 Latitude: 18.079301 Longitude: -66.956035 Program\_System Acronym: RCRAINFO Program System ID: PRR000014514 **FIPS Code:** 72121 **HUC Code:** Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000014514 1534.13 feet TOTAL PETROLEUM PUERTO RICO CORP SERVICE STATION 104302 (SABANA GRANDE,PR) (https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000023069) **Registry ID:** 110042423945 Primary Name: TOTAL PETROLEUM PUERTO RICO CORP SERVICE STATION 104302 Address: AVE QUILINCHINI 26 City: SABANA GRANDE **County: SABANA GRANDE** State: PR EPA Region: Region 02 **ZIP Code: 00637** Latitude: 18.075385 Longitude: -66.961826 Program\_System Acronym: RCRAINFO Program System ID: PRR000023069 **FIPS Code:** 72121 **HUC Code:** Facility URL: https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000023069

11/4/24, 10:48 AM NEPAssist: Analysis Drilldown

TOTAL PETROLEUM PUERTO RICO CORP SERVICE STATION 310290 (SABANA GRANDE,PR)

Name

(https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000023077)

**Registry ID:** 110042423954

Primary Name: TOTAL PETROLEUM PUERTO RICO CORP SERVICE STATION 310290

**Address:** AVE FRANCISCO M QUINONES 32

**City:** SABANA GRANDE **County:** SABANA GRANDE

State: PR

**EPA Region:** Region 02 **ZIP Code:** 00637 **Latitude:** 18.07706 **Longitude:** -66.95884

**Program\_System Acronym:** RCRAINFO **Program System ID:** PRR000023077

**FIPS Code:** 72121

**HUC Code:** 

**Facility URL:** https://enviro.epa.gov/envirofacts/rcrainfo/facility?handlerId=PRR000023077

**Distance** 733.42 feet

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#### **RCRAInfo Facility Information**



<b>SHELL SS 1740 SABANA GRANDE</b>
------------------------------------

Handler ID: PRR000003996

G MARTINEZ 2

SABANA GRANDE, PR 00637

**County Name: SABANA GRANDE** 

**Latitude:** 18.079264 **Longitude:** -66.960245

**Hazardous Waste Generator:** 

**Owner Name: SUCESION CAMILO** 

**NEGRON** 

\*You can navigate within the map with your mouse.

No BIENNIAL REPORT data is available for the facility listed above.

#### **LIST OF FACILITY CONTACTS**

NAME	STREET	СІТУ	STATE	ZIP CODE	PHONE	TYPE OF CONTACT
	PO BOX 366697	SAN JUAN	PR	00936- 6697		Public

#### **HANDLER / FACILITY CLASSIFICATION**

Unspecified Universe for the facility listed above.

HANDLER TYPE	
Not in a universe	

No PROCESS INFORMATION is available for the facility listed above.

No NAICS Codes are available for the facility listed above.

No Waste Codes are available for the facility listed above.

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#### **RCRAInfo Facility Information**



#### **PRASA - SABANA GRANDE FILTER PLT**

Handler ID: PRR000014514

PR 364 KM 0.6 INT

SABANA GRANDE, PR 00637

**County Name: SABANA GRANDE** 

**Latitude:** 18.079301 **Longitude:** -66.956035

**Hazardous Waste Generator:** 

Owner Name: PR AQUEDUCT & SEWER

**AUTHORITY** 

\*You can navigate within the map with your mouse.

No BIENNIAL REPORT data is available for the facility listed above.

#### **LIST OF FACILITY CONTACTS**

NAME	STREET	СІТҮ	STATE	ZIP CODE	PHONE	TYPE OF CONTACT
BAEZ JOAQUIN	PO BOX 7066	SAN JUAN	PR	00916- 7066	787-873- 2100	Public
JOAQUIN BAEZ	PO BOX 7066	SAN JUAN	PR	00916- 7066	787-873- 2100,	Permit

#### HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

#### **HANDLER TYPE**

Not in a universe

No PROCESS INFORMATION is available for the facility listed above.

No NAICS Codes are available for the facility listed above.

No Waste Codes are available for the facility listed above.

Go To Top Of The Page

**Total Number of Facilities Retrieved: 1** 

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#### **RCRAInfo Facility Information**



## TOTAL PETROLEUM PUERTO RICO CORP-SERVICE STATION 310290

Handler ID: PRR000023077 AVE FRANCISCO M QUINONES #32 SABANA GRANDE, PR 00637

**County Name: SABANA GRANDE** 

**Latitude:** 18.07706 **Longitude:** -66.95884

**Hazardous Waste Generator:** Very

**Small Quantity Generator** 

Owner Name: LUIS & MAYDA NAZARIO

\*You can navigate within the map with your mouse.

No BIENNIAL REPORT data is available for the facility listed above.

#### LIST OF FACILITY CONTACTS

NAME	STREET	СІТҮ	STATE	ZIP CODE	PHONE	TYPE OF CONTACT
RIVERA Y MARLA	PO BOX 362916	SAN JUAN	PR	00936- 2916	787-749- 7794	Public
MARLA RIVERA	PO BOX 362916	SAN JUAN	PR	00936- 2916	787-749- 7794,	Permit

### HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

#### **HANDLER TYPE**

Very Small Quantity Generator

No PROCESS INFORMATION is available for the facility listed above.

### LIST OF NAICS CODES AND DESCRIPTIONS

NAICS CODE	NAICS DESCRIPTION
44719	OTHER GASOLINE STATIONS
44711	GASOLINE STATIONS WITH CONVENIENCE STORES

#### **LIST OF WASTE CODES AND DESCRIPTIONS**

WASTE CODE	WASTE DESCRIPTION
D001	IGNITABLE WASTE
D018	BENZENE

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**Total Number of Facilities Retrieved: 1** 

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#### **RCRAInfo Facility Information**



## TOTAL PETROLEUM PUERTO RICO CORP-SERVICE STATION 104302

Handler ID: PRR000023069 AVE QUILINCHINI #26 SABANA GRANDE, PR 00637

**County Name: SABANA GRANDE** 

**Latitude:** 18.075385 **Longitude:** -66.961826

**Hazardous Waste Generator: Very** 

Small Quantity Generator

**Owner Name: TOTAL PETROLEUM** 

PUERTO RICO CORP

\*You can navigate within the map with your mouse.

No BIENNIAL REPORT data is available for the facility listed above.

#### LIST OF FACILITY CONTACTS

NAME	STREET	СІТҮ	STATE	ZIP CODE	PHONE	TYPE OF CONTACT
RIVERA Y MARLA	PO BOX 362916	SAN JUAN	PR	00936- 2916	787-749- 7794	Public
MARLA RIVERA	PO BOX 362916	SAN JUAN	PR	00936- 2916	787-749- 7794,	Permit

### HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

#### **HANDLER TYPE**

Very Small Quantity Generator

No PROCESS INFORMATION is available for the facility listed above.

### LIST OF NAICS CODES AND DESCRIPTIONS

NAICS CODE	NAICS DESCRIPTION
44719	OTHER GASOLINE STATIONS
44711	GASOLINE STATIONS WITH CONVENIENCE STORES

#### **LIST OF WASTE CODES AND DESCRIPTIONS**

WASTE CODE	WASTE DESCRIPTION
D001	IGNITABLE WASTE
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**Total Number of Facilities Retrieved: 1** 

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## << Return

The facility name provided is the facility as identified in a TSCA submission. Please note that the identification provided could be either a site of manufacture or import. Reported sites of import may not be the site where the TSCA substance is actually manufactured, stored or processed.

**0** TSCA Chemicals reported by this facility.

No Chemical Information is available for this facility.

**Data Refresh Information** <a href="https://epa.gov/resources/echo-data/about-the-data#sources">https://epa.gov/resources/echo-data/about-the-data#sources</a>



**Facility Summary** 

**SHELL SS 1740 SABANA GRANDE** 

G MARTINEZ 2, SABANA GRANDE, PR 00637

FRS (Facility Registry Service) ID: 110004892705

**EPA Region:** 02 **Latitude:** 18.079264 **Longitude:** -66.960245

Locational Data Source: RCRAINFO

Industries: -Indian Country: N

## **Enforcement and Compliance Summary**

Statute	RCRA
Compliance Monitoring Activities (5 years)	-
Date of Last Compliance Monitoring Activity	-
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	-
Formal Enforcement Actions (5 years)	-
Penalties from Formal Enforcement Actions (5 years)	-
EPA Cases (5 years)	-
Penalties from EPA Cases (5 years)	-

**Other Regulatory Reports** 

Air Emissions Inventory (EIS): No Information

Toxic Releases (TRI): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Compliance and Emissions Data Reporting Interface (CEDRI): No Information

## **Regulatory Information**

Clean Air Act (CAA): No Information
Clean Water Act (CWA): No Information

 $\textbf{Resource Conservation and Recovery Act (RCRA):} \ \ \textbf{Inactive Other,}$ 

(PRR000003996)

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

Known Data Problems <a href="https://epa.gov/resources/echo-data/known-data-problems">https://epa.gov/resources/echo-data/known-data-problems</a>

Facility/System Characteristics

### **Facility/System Characteristics**

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004892705					N	18.079264	-66.960245
ICIS		1400002782					N	18.076667	-66.960556
RCRAInfo	RCRA	PRR000003996	Other	Inactive ( )			N	18.079264	-66.960245

### **Facility Address**

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110004892705	SHELL SS 1740 SABANA GRANDE	G MARTINEZ 2, SABANA GRANDE, PR 00637	Sabana Grande Municipio
ICIS		1400002782	SHELL #1740 (204129)	G. MARTINEZ #2, SABANA GRANDE, PR 00637	Sabana Grande Municipio
RCRAInfo	RCRA	PRR000003996	SHELL SS 1740 SABANA GRANDE	G MARTINEZ 2, SABANA GRANDE, PR 00637	Sabana Grande Municipio

## **Facility SIC (Standard Industrial** Classification) Codes

## **Facility NAICS (North American Industry Classification System) Codes**

Identifier NAICS Code SIC Code SIC Description NAICS Description No data records returned No data records returned

### **Facility Tribe Information**

EPA Tribal ID Distance to Tribe (miles)

No data records returned

**Enforcement and Compliance** 

## **Compliance Monitoring History** Last 5 Years



Finding (if applicable)

No data records returned

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy

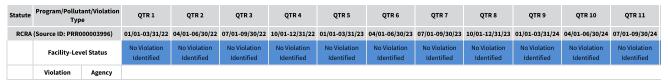
<https://www.epa.gov/compliance/compliance-monitoring-programs> activities or because they are not counted as inspections within EPA's Annual Results

<a href="https://www.epa.gov/enforcement/enforcement-data-and-results">https://www.epa.gov/enforcement/enforcement-data-and-results</a>.

#### **Compliance Summary Data**

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000003996	No	11/02/2024	0	11/01/2024

## Three-Year Compliance History by Quarter





No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

## **Formal Enforcement Actions**



No data records returned

**Environmental Conditions** 

#### Watersheds

12-Digit WBD (Watershed Boundary WBD (Watershed Boundary Dataset) State Water Body Name (ICIS Beach Closures Watershed with ESA (Endange Reach Closures Pollutants Potentially Dataset) HUC (RAD (Reach Address Subwatershed Name (RAD (Reach Address Species Act)-listed Aquatic Within Last Year Related to Impairment

No data records returned

#### Assessed Waters From Latest State Submission (ATTAINS)

State Report Cycle Assessment Unit ID Assessment Unit ID Assessment Unit ID Assessment Unit Name Water Condition Cause Groups Impaired Drinking Water Use Ecological Use Fish Consumption Use Recreation Use Other Use

No data records returned

#### **Air Quality Nonattainment Areas**

Within Nonattainment Status Area? Nonattainment Status Applicable Standard(s) Within Maintenance Status Area?

No data records returned

**Pollutants** 

### Toxics Release Inventory History of Reported Chemicals Released or Transferred in Pounds per Year at Site (1)

TRI Facility ID Year Air Emissions Surface Water Discharges Off-Site Transfers to POTWs (Publicly Owned Treatment Works) Underground Injections Disposal to Land Total On-Site Releases Total Off-Site Transfers

No data records returned

## Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year



Chemical Name

No data records returned

Community

#### **Environmental Justice**

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.



#### **Potential Environmental Justice Concerns**

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

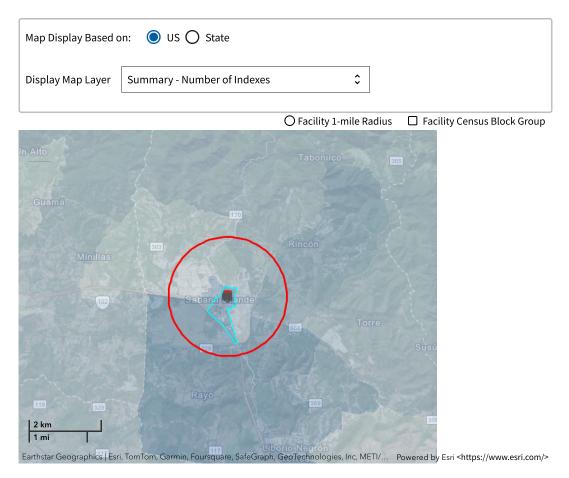
#### **EJScreen Indexes Shown**

#### **Related Reports**

Index Type Supplemental (default) \$ **EJScreen Community Report** 

Oownload Data

Census Block Group ID: 721219605001	US (	Percentile)		State	(Percentile)	
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	6	4	6	3	0	3
Particulate Matter 2.5		N/A			N/A	
Ozone		N/A			N/A	
Diesel Particulate Matter	5	4	5	50	37	50
Air Toxics Cancer Risk	55	53	55	89	57	89
Air Toxics Respiratory Hazard Index	39	35	39	89	58	89
Toxic Releases to Air	84	75	87	12	10	18
Traffic Proximity	99	<b>9</b> 98	99	97	70	<b>9</b> 7
Lead Paint	97	79	97	82	43	82
Risk Management Plan (RMP) Facility Proximity	54	45	65	6	5	13
Hazardous Waste Proximity	99	<b>9</b> 97	99	96	79	<b>9</b> 96
Superfund Proximity	99	<b>9</b> 99	99	87	74	87
Underground Storage Tanks (UST)	99	85	<b>9</b> 99	<b>9</b> 94	63	<b>9</b> 94
Wastewater Discharge	99	<b>9</b> 96	<b>9</b> 99	80	47	85



## Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <a href="https://epa.gov/help/reports/dfr-data-dictionary#demographic">https://epa.gov/help/reports/dfr-data-dictionary#demographic</a>.

General Statistics (ACS (American Community Survey)	)
Total Persons	10,023
Population Density	3,212/sq.mi.
Housing Units in Area	4,185
Percent People of Color	100%
Households in Area	3,017
Households on Public Assistance	211
Persons With Low Income	7,177
Percent With Low Income	72%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.079264
Center Longitude	-66.960245
Land Area	100%
Water Area	0%
Income Breakdown (ACS (American Community Surve	y)) - Households (%)
Less than \$15,000	1,149 (38.08%)
\$15,000 - \$25,000	544 (18.03%)
\$25,000 - \$50,000	740 (24.53%)
\$50,000 - \$75,000	397 (13.16%)
Greater than \$75,000	187 (6.2%)

Children 5 years and younger	198 (2%)
Minors 17 years and younger	2,332 (23%)
Adults 18 years and older	7,693 (77%)
Seniors 65 years and older	2,208 (22%)
Race Breakdown (ACS (American Community Survey)) - Persons (%	)
White	6,562 (65%)
African-American	0 (0%)
Hispanic-Origin	9,979 (100%)
Asian	9 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	16 (0%)
Other/Multiracial	2,524 (25%)
Education Level (Persons 25 & older) (ACS (American Community St	urvey)) - Persons (%)
Less than 9th Grade	879 (13.34%)
9th through 12th Grade	436 (6.62%)
High School Diploma	2,083 (31.61%)
Some College/2-year	606 (9.2%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,819 (27.61%)



**Facility Summary** 

PRASA - SABANA GRANDE FILTER PLT

PR-364 KM 0.6 INT, SABANA GRANDE, PR 00637

FRS (Facility Registry Service) ID: 110012220202

**EPA Region:** 02 **Latitude:** 18.079301 **Longitude:** -66.956035

Locational Data Source: RCRAINFO

Industries: -Indian Country: N

## **Enforcement and Compliance Summary**

Statute	RCRA
Compliance Monitoring Activities (5 years)	-
Date of Last Compliance Monitoring Activity	-
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	-
Formal Enforcement Actions (5 years)	-
Penalties from Formal Enforcement Actions (5 years)	-
EPA Cases (5 years)	-
Penalties from EPA Cases (5 years)	-

**Other Regulatory Reports** 

Air Emissions Inventory (EIS): No Information

Toxic Releases (TRI): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Compliance and Emissions Data Reporting Interface (CEDRI): No Information

## **Regulatory Information**

Clean Air Act (CAA): No Information
Clean Water Act (CWA): No Information

 $\textbf{Resource Conservation and Recovery Act (RCRA):} \ \ \textbf{Inactive Other,}$ 

(PRR000014514)

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

Known Data Problems <a href="https://epa.gov/resources/echo-data/known-data-problems">https://epa.gov/resources/echo-data/known-data-problems</a>

Facility/System Characteristics

### **Facility/System Characteristics**

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110012220202					N	18.079301	-66.956035
RCRAInfo	RCRA	PRR000014514	Other	Inactive ( )			N	18.079301	-66.956035

### **Facility Address**

System	Statute	Identifier	Facility Name	Facility Address	Facility County	
FRS		110012220202	PRASA - SABANA GRANDE FILTER PLT	PR-364 KM 0.6 INT, SABANA GRANDE, PR 00637	Sabana Grande Municipio	
RCRAInfo	RCRA	PRR000014514	PRASA - SABANA GRANDE FILTER PLT	PR 364 KM 0.6 INT, SABANA GRANDE, PR 00637	Sabana Grande Municipio	

## **Facility SIC (Standard Industrial** Classification) Codes

## **Facility NAICS (North American Industry** Classification System) Codes

System NAICS Code SIC Description NAICS Description

No data records returned

## No data records returned

#### **Facility Tribe Information**

Tribe Name Distance to Tribe (miles)

No data records returned

Finding (if applicable)

**Enforcement and Compliance** 

## **Compliance Monitoring History**



No data records returned

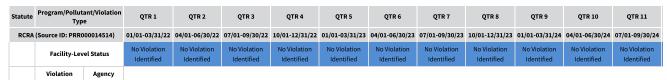
Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy

- <https://www.epa.gov/compliance/compliance-monitoring-programs> activities or because they are not counted as inspections within EPA's Annual Results
- <a href="https://www.epa.gov/enforcement/enforcement-data-and-results">https://www.epa.gov/enforcement/enforcement-data-and-results</a>.

#### **Compliance Summary Data**

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000014514	No	11/02/2024	0	11/01/2024

### Three-Year Compliance History by Quarter



## **Informal Enforcement Actions**



No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

## **Formal Enforcement Actions**





No data records returned

**Environmental Conditions** 

#### Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
--	---	---	------------------------------------	--	---	---

No data records returned

#### **Assessed Waters From Latest State Submission (ATTAINS)**

State Report Cycle Assessment Unit ID Assessment Unit ID Assessment Unit ID Assessment Unit Name Water Condition Cause Groups Impaired Drinking Water Use Ecological Use Fish Consumption Use Recreation Use Other Use

No data records returned

#### **Air Quality Nonattainment Areas**

Pollutant Within Nonattainment Status Area? Nonattainment Status Applicable Standard(s) Within Maintenance Status Area? Maintenance Status Applicable Standard(s)

No data records returned

**Pollutants** 

## Toxics Release Inventory History of Reported Chemicals Released or Transferred in Pounds per Year at Site ①

TRI Facility ID Year Air Emissions Surface Water Discharges Off-Site Transfers to POTWs (Publicly Owned Treatment Works) Underground Injections Disposal to Land Total On-Site Releases Total Off-Site Transfers

No data records returned

## Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year



Chemical Name

No data records returned

Community

#### **Environmental Justice**

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.



#### **Potential Environmental Justice Concerns**

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

#### **EJScreen Indexes Shown**

#### **Related Reports**

Index Type Supplemental (default) 💲

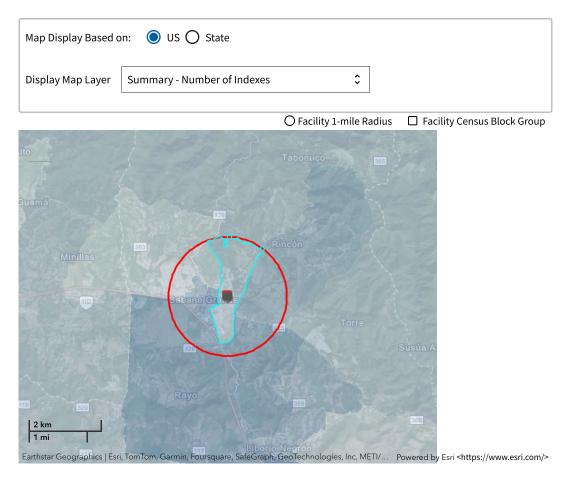
**EJScreen Community Report** 

Oownload Data

Census Block Group ID: 721219606001	US (I	Percentile)		State (Percentile)			
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max	
Count of Indexes At or Above 90th Percentile	5	5	6	0	0	3	
Particulate Matter 2.5		N/A			N/A		
Ozone		N/A			N/A		
Diesel Particulate Matter	4	4	5	35	38	50	
Air Toxics Cancer Risk	52	35	55	56	0	89	
Air Toxics Respiratory Hazard Index	34	35	39	57	60	89	
Toxic Releases to Air	76	76	87	11	10	18	
Traffic Proximity	97	98	99	65	70	97	
Lead Paint	83	82	97	45	46	82	
Risk Management Plan (RMP) Facility Proximity	44	45	65	5	5	13	
Hazardous Waste Proximity	98	97	99	83	81	<b>9</b> 6	
Superfund Proximity	99	<b>9</b> 9	<b>9</b> 9	70	74	87	
Underground Storage Tanks (UST)	95	<b>9</b> 90	99	76	65	<b>9</b> 94	

**9**5

Wastewater Discharge



## Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <a href="https://epa.gov/help/reports/dfr-data-dictionary#demographic">https://epa.gov/help/reports/dfr-data-dictionary#demographic</a>.

General Statistics (ACS (American Community Survey))	
Total Persons	8,276
Population Density	2,652/sq.mi.
Housing Units in Area	3,590
Percent People of Color	100%
Households in Area	2,499
Households on Public Assistance	189
Persons With Low Income	5,998
Percent With Low Income	72%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.079301
Center Longitude	-66.956035
Land Area	100%
Water Area	0%
Income Breakdown (ACS (American Community Survey	r)) - Households (%)
Less than \$15,000	1,009 (40.34%)
\$15,000 - \$25,000	465 (18.59%)
\$25,000 - \$50,000	575 (22.99%)
\$50,000 - \$75,000	300 (12%)
Greater than \$75,000	152 (6.08%)

Children 5 years and younger	207 (3%)
Minors 17 years and younger	1,810 (22%)
Adults 18 years and older	6,466 (78%)
Seniors 65 years and older	1,945 (24%)
Race Breakdown (ACS (American Community Survey)) - P	ersons (%)
White	5,396 (65%)
African-American	0 (0%)
Hispanic-Origin	8,235 (100%)
Asian	10 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	12 (0%)
Other/Multiracial	2,004 (24%)
Education Level (Persons 25 & older) (ACS (American Com	nmunity Survey)) - Persons (%)
Less than 9th Grade	795 (14.22%)
9th through 12th Grade	367 (6.56%)
High School Diploma	1,846 (33.01%)
Some College/2-year	519 (9.28%)



**Facility Summary** 

TOTAL PETROLEUM PUERTO RICO CORP-SERVICE STATION 310290

AVE FRANCISCO M QUINONES #32, SABANA GRANDE, PR 00637

FRS (Facility Registry Service) ID: 110042423954

EPA Region: 02
Latitude: 18.07706
Longitude: -66.95884
Locational Data Source: FRS
Industries: Gasoline Stations
Indian Country: N

### **Enforcement and Compliance Summary**

Statute	RCRA
Compliance Monitoring Activities (5 years)	-
Date of Last Compliance Monitoring Activity	-
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	-
Formal Enforcement Actions (5 years)	-
Penalties from Formal Enforcement Actions (5 years)	-
EPA Cases (5 years)	-
Penalties from EPA Cases (5 years)	-

### **Regulatory Information**

Clean Air Act (CAA): No Information
Clean Water Act (CWA): No Information

 $\textbf{Resource Conservation and Recovery Act (RCRA):} \quad \text{Active VSQG},$ 

(PRR000023077)

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

Known Data Problems <a href="https://epa.gov/resources/echo-data/known-data-problems">https://epa.gov/resources/echo-data/known-data-problems</a>

#### Facility/System Characteristics

#### **Facility/System Characteristics**

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110042423954					N	18.07706	-66.95884
RCRAInfo	RCRA	PRR000023077	VSQG	Active (H )			N	18.078078	-66.961715

## **Other Regulatory Reports**

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Compliance and Emissions Data Reporting Interface (CEDRI): No Information

### **Facility Address**

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110042423954	TOTAL PETROLEUM PUERTO RICO CORP-SERVICE STATION 310290	AVE FRANCISCO M QUINONES #32, SABANA GRANDE, PR 00637	Sabana Grande Municipio
RCRAInfo	RCRA	PRR000023077	TOTAL PETROLEUM PUERTO RICO CORP-SERVICE STATION 310290	AVE FRANCISCO M QUINONES #32, SABANA GRANDE, PR 00637	Sabana Grande Municipio

## Facility SIC (Standard Industrial Classification) Codes

# Facility NAICS (North American Industry Classification System) Codes



## **Facility Tribe Information**

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)

No data records returned

**Enforcement and Compliance** 

## **Compliance Monitoring History** Last 5 Years

Statute Source ID System Activity Type Compliance Monitoring Type Lead Agency Date Finding (if applicable)

No data records returned

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy

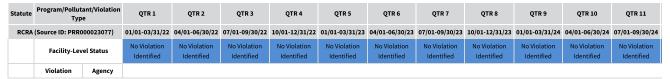
<https://www.epa.gov/compliance/compliance-monitoring-programs> activities or because they are not counted as inspections within EPA's Annual Results

<https://www.epa.gov/enforcement/enforcement-data-and-results>.

#### **Compliance Summary Data**

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000023077	No	11/02/2024	0	11/01/2024

## Three-Year Compliance History by Quarter



## **Informal Enforcement Actions**



No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Last 5 Years

Last 5 Years

## **Formal Enforcement Actions**



No data records returned

**Environmental Conditions** 

#### Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
--	---	---	------------------------------------	--	---	---

No data records returned

## **Assessed Waters From Latest State Submission (ATTAINS)**

State Report Cycle Assessment Unit ID Assessment Unit ID Assessment Unit Name Water Condition Cause Groups Impaired Drinking Water Use Ecological Use Fish Consumption Use Recreation Use Other Use

No data records returned

#### **Air Quality Nonattainment Areas**

Pollutant Within Nonattainment Status Area? Nonattainment Status Applicable Standard(s) Within Maintenance Status Area? Maintenance Status Applicable Standard(s)

No data records returned

**Pollutants** 

## Toxics Release Inventory History of Reported Chemicals Released or Transferred in Pounds per Year at Site ①

TRI Facility ID Year Air Emissions Surface Water Discharges Off-Site Transfers to POTWs (Publicly Owned Treatment Works) Underground Injections Disposal to Land Total On-Site Releases Total Off-Site Transfers

No data records returned

## Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year



Chemical Name

No data records returned

Community

#### **Environmental Justice**

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.



#### **Potential Environmental Justice Concerns**

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

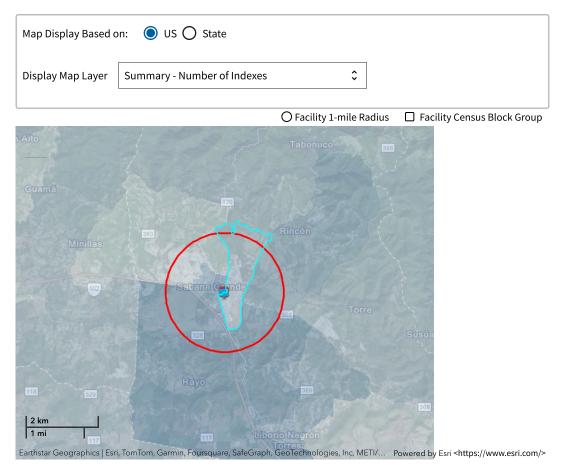
#### **EJScreen Indexes Shown**

#### **Related Reports**

Index Type Supplemental (default) 💲

**EJScreen Community Report** 

	<b>●</b> Download Data					
Census Block Group ID: 721219606001	US (	Percentile)		State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	5	4	6	0	0	3
Particulate Matter 2.5		N/A			N/A	
Ozone		N/A			N/A	
Diesel Particulate Matter	4	4	5	35	38	50
Air Toxics Cancer Risk	52	35	55	56	0	89
Air Toxics Respiratory Hazard Index	34	35	39	57	60	89
Toxic Releases to Air	76	76	87	11	10	18
Traffic Proximity	97	98	99	65	71	97
Lead Paint	83	82	97	45	45	82
Risk Management Plan (RMP) Facility Proximity	44	45	65	5	5	13
Hazardous Waste Proximity	98	<b>9</b> 97	99	83	80	<b>9</b> 96
Superfund Proximity	99	99	99	70	74	87
Underground Storage Tanks (UST)	95	87	<b>9</b> 99	76	63	<b>9</b> 94
Wastewater Discharge	<b>9</b> 95	<b>₽</b> 97	<b>9</b> 99	41	48	85



## Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <a href="https://epa.gov/help/reports/dfr-data-dictionary#demographic">https://epa.gov/help/reports/dfr-data-dictionary#demographic</a>.

General Statistics (ACS (American Community Survey))		Ag
Total Persons	8,661	Ch
Population Density	2,776/sq.mi.	Mi
Housing Units in Area	3,691	Ad
Percent People of Color	100%	Se
Households in Area	2,622	
Households on Public Assistance	186	Ra
Persons With Low Income	6,247	WI
Percent With Low Income	72%	Afı
		Hi
Geography		As
Radius of Selected Area	1 mi.	На
Center Latitude	18.07706	An
Center Longitude	-66.95884	Ot
Land Area	100%	Ed
Water Area	0%	_
		Le
Income Breakdown (ACS (American Community Survey	r)) - Households (%)	9t
Less than \$15,000	1,035 (39.5%)	Hip
\$15,000 - \$25,000	474 (18.09%)	So
\$25,000 - \$50,000	627 (23.93%)	В.:
\$50,000 - \$75,000	324 (12.37%)	
Greater than \$75,000	160 (6.11%)	

Children 5 years and younger	178 (2%)
Minors 17 years and younger	1,940 (22%)
, , <u>,</u>	, , ,
Adults 18 years and older	6,720 (78%)
Seniors 65 years and older	1,996 (23%)
Race Breakdown (ACS (American Community Survey)) - Persons (%	6)
White	5,687 (66%)
African-American	0 (0%)
Hispanic-Origin	8,620 (100%)
Asian	8 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	11 (0%)
Other/Multiracial	2,158 (25%)
Education Level (Persons 25 & older) (ACS (American Community 9	Survey)) - Persons (%)
Less than 9th Grade	824 (14.24%)
9th through 12th Grade	399 (6.9%)
High School Diploma	1,856 (32.08%)
Some College/2-year	529 (9.14%)



**Facility Summary** 

TOTAL PETROLEUM PUERTO RICO CORP-SERVICE STATION 104302

AVE QUILINCHINI #26, SABANA GRANDE, PR 00637

FRS (Facility Registry Service) ID: 110042423945

**EPA Region:** 02 **Latitude:** 18.075385 **Longitude:** -66.961826

Locational Data Source: RCRAINFO
Industries: Gasoline Stations
Indian Country: N

### **Enforcement and Compliance Summary**

Statute	RCRA
Compliance Monitoring Activities (5 years)	
Date of Last Compliance Monitoring Activity	
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	
Formal Enforcement Actions (5 years)	
Penalties from Formal Enforcement Actions (5 years)	
EPA Cases (5 years)	
Penalties from EPA Cases (5 years)	

### **Regulatory Information**

Clean Air Act (CAA): No Information
Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active VSQG,

(PRR000023069)

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

Known Data Problems <a href="https://epa.gov/resources/echo-data/known-data-problems">https://epa.gov/resources/echo-data/known-data-problems</a>

#### Facility/System Characteristics

### **Facility/System Characteristics**

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110042423945					N	18.075385	-66.961826
RCRAIn	o RCRA	PRR000023069	VSQG	Active (H )			N	18.075385	-66.961826

## **Other Regulatory Reports**

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Compliance and Emissions Data Reporting Interface (CEDRI): No Information

### **Facility Address**

System	Statute	Identifier	Facility Name	Facility Address	Facility County	
FRS		110042423945	TOTAL PETROLEUM PUERTO RICO CORP-SERVICE STATION 104302	AVE QUILINCHINI #26, SABANA GRANDE, PR 00637	Sabana Grande Municipio	
RCRAInfo	RCRA	PRR000023069	TOTAL PETROLEUM PUERTO RICO CORP-SERVICE STATION 104302	AVE QUILINCHINI #26, SABANA GRANDE, PR 00637	Sabana Grande Municipio	

## Facility SIC (Standard Industrial Classification) Codes

# Facility NAICS (North American Industry Classification System) Codes

System Identifier SIC Code SIC Description System Identifier NAICS Code NAICS Description

RCRAInfo PRR000023069 44711 Gasoline Stations with Convenience Stores

RCRAInfo PRR000023069 44719 Other Gasoline Stations

## **Facility Tribe Information**

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)

No data records returned

**Enforcement and Compliance** 

## **Compliance Monitoring History** Last 5 Years

Statute Source ID System Activity Type Compliance Monitoring Type Lead Agency Date Finding (if applicable)

No data records returned

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy

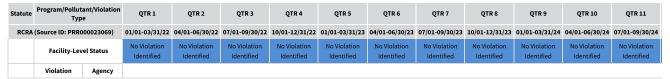
<a href="https://www.epa.gov/compliance/compliance-monitoring-programs">https://www.epa.gov/compliance/compliance-monitoring-programs</a> activities or because they are not counted as inspections within EPA's Annual Results

<a href="https://www.epa.gov/enforcement/enforcement-data-and-results">https://www.epa.gov/enforcement/enforcement-data-and-results</a>.

#### **Compliance Summary Data**

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000023069	No	11/02/2024	0	11/01/2024

## Three-Year Compliance History by Quarter



## **Informal Enforcement Actions**



No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Last 5 Years

Last 5 Years

## **Formal Enforcement Actions**



No data records returned

**Environmental Conditions** 

#### Watersheds

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database) Database) Database)	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
---	---	------------------------------------	--	---	---

No data records returned

#### Assessed Waters From Latest State Submission (ATTAINS)

State Report Cycle Assessment Unit ID Assessment Unit ID Assessment Unit Name Water Condition Cause Groups Impaired Drinking Water Use Ecological Use Fish Consumption Use Recreation Use Other Use

No data records returned

#### **Air Quality Nonattainment Areas**

Pollutant Within Nonattainment Status Area? Nonattainment Status Applicable Standard(s) Within Maintenance Status Area? Maintenance Status Applicable Standard(s)

No data records returned

**Pollutants** 

## Toxics Release Inventory History of Reported Chemicals Released or Transferred in Pounds per Year at Site ①

TRI Facility ID Year Air Emissions Surface Water Discharges Off-Site Transfers to POTWs (Publicly Owned Treatment Works) Underground Injections Disposal to Land Total On-Site Releases Total Off-Site Transfers

No data records returned

## Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year



Chemical Name

No data records returned

Community

#### **Environmental Justice**

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.



#### **Potential Environmental Justice Concerns**

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

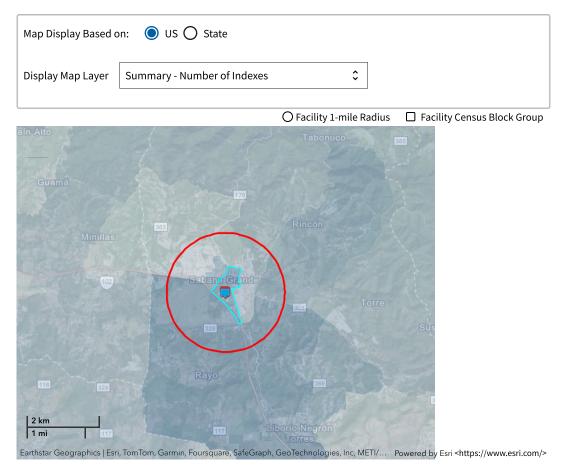
#### **EJScreen Indexes Shown**

#### **Related Reports**

Index Type Supplemental (default) 💲

**EJScreen Community Report** 

	•	Downle	oad Data				
Census Block Group ID: 721219605001	US (	Percentile)		State (Percentile)			
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max	
Count of Indexes At or Above 90th Percentile	6	4	6	3	0	3	
Particulate Matter 2.5		N/A			N/A		
Ozone		N/A			N/A		
Diesel Particulate Matter	5	4	5	50	38	50	
Air Toxics Cancer Risk	55	53	55	89	58	89	
Air Toxics Respiratory Hazard Index	39	35	39	89	59	89	
Toxic Releases to Air	84	75	84	12	10	14	
Traffic Proximity	99	98	99	97	70	97	
Lead Paint	97	80	97	82	43	82	
Risk Management Plan (RMP) Facility Proximity	54	45	54	6	5	6	
Hazardous Waste Proximity	99	97	99	96	79	96	
Superfund Proximity	99	<b>9</b> 99	99	87	74	87	
Underground Storage Tanks (UST)	<b>9</b> 99	84	<b>9</b> 99	94	63	<b>9</b> 94	
Wastewater Discharge	99	97	<b>9</b> 99	80	47	85	



## Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <a href="https://epa.gov/help/reports/dfr-data-dictionary#demographic">https://epa.gov/help/reports/dfr-data-dictionary#demographic</a>.

General Statistics (ACS (American Community Survey))	
Total Persons	8,951
Population Density	2,869/sq.mi.
Housing Units in Area	3,758
Percent People of Color	100%
Households in Area	2,719
Households on Public Assistance	184
Persons With Low Income	6,415
Percent With Low Income	72%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.075385
Center Longitude	-66.961826
Land Area	100%
Water Area	0%
Income Breakdown (ACS (American Community Survey	r)) - Households (%)
Less than \$15,000	1,052 (38.69%)
\$15,000 - \$25,000	476 (17.51%)
\$25,000 - \$50,000	674 (24.79%)
\$50,000 - \$75,000	349 (12.84%)
Greater than \$75,000	168 (6.18%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	149 (2%)
Minors 17 years and younger	2,052 (23%)
Adults 18 years and older	6,902 (77%)
Seniors 65 years and older	2,028 (23%)
Race Breakdown (ACS (American Community Survey)) - Persons (%	)
White	5,926 (66%)
African-American	0 (0%)
Hispanic-Origin	8,909 (100%)
Asian	6 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	9 (0%)
Other/Multiracial	2,277 (25%)
Education Level (Persons 25 & older) (ACS (American Community S	urvey)) - Persons (%)
Less than 9th Grade	842 (14.22%)
9th through 12th Grade	424 (7.16%)
High School Diploma	1,855 (31.33%)
Some College/2-year	532 (8.98%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,611 (27.21%)



#### **Facility Summary**

HENKEL PUERTO RICO INC

#### 9 AVE QUILINCHINI, SABANA GRANDE, PR 00637

110069454897 FRS (Facility Registry Service) ID:

EPA Region: 02 Latitude: 18.0745 -66.9624 Longitude:

**Locational Data Source:** NPDES

Industries: Indian Country:

#### **Enforcement and Compliance Summary**

Statute	CAA
Compliance Monitoring Activities (5 years)	
Date of Last Compliance Monitoring Activity	
Compliance Status	
Qtrs in Noncompliance (of 12)	-
Qtrs with Significant Violation	
Informal Enforcement Actions (5 years)	
Formal Enforcement Actions (5 years)	
Penalties from Formal Enforcement Actions (5 years)	-
EPA Cases (5 years)	-
Penalties from EPA Cases (5 years)	
Statute	CWA
	CWA
Statute	
Statute  Compliance Monitoring Activities (5 years)	-
Statute  Compliance Monitoring Activities (5 years)  Date of Last Compliance Monitoring Activity	 
Statute  Compliance Monitoring Activities (5 years)  Date of Last Compliance Monitoring Activity  Compliance Status	
Statute  Compliance Monitoring Activities (5 years)  Date of Last Compliance Monitoring Activity  Compliance Status  Qtrs in Noncompliance (of 12)	Significant/Category I Noncompliance
Statute  Compliance Monitoring Activities (5 years)  Date of Last Compliance Monitoring Activity  Compliance Status  Qtrs in Noncompliance (of 12)  Qtrs with Significant Violation	Significant/Category I Noncompliance 12
Statute  Compliance Monitoring Activities (5 years)  Date of Last Compliance Monitoring Activity  Compliance Status  Qtrs in Noncompliance (of 12)  Qtrs with Significant Violation  Informal Enforcement Actions (5 years)	Significant/Category I Noncompliance  12  12
Statute  Compliance Monitoring Activities (5 years)  Date of Last Compliance Monitoring Activity  Compliance Status  Qtrs in Noncompliance (of 12)  Qtrs with Significant Violation  Informal Enforcement Actions (5 years)  Formal Enforcement Actions (5 years)	Significant/Category I Noncompliance  12  12

#### **Regulatory Information**

Clean Air Act (CAA):

Known Data Problems

Other Regulatory Reports

Clean Water Act (CWA): Minor, Permit Effective (PRR053206) Greenhouse Gas Emissions (eGGRT): No Information

 $\label{lem:Resource Conservation and Recovery Act (RCRA):} \\$ No Information Toxic Releases (TRI): No Information

Safe Drinking Water Act (SDWA): No Information

Compliance and Emissions Data Reporting Interface (CEDRI): Go To Enforcement/Compliance Details

## Facility/System Characteristics

#### Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110069454897					N	18.0745	-66.9624
EIS	CAA	21267011					N		
ICIS-NPDES	CWA	PRR053206	Minor: General Permit Covered Facility	Effective	Industrial Stormwater	02/28/2026	N	18.0745	-66.9624
TSCA	TSCA	TSCA121965					N	18.07491	-66.9612

Air Emissions Inventory (EIS):

21267011

No Information

No Information

#### Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS	FRS <u>110069454897</u> HENKEL PUERTO RICO INC 9 AVE QU		HENKEL PUERTO RICO INC	9 AVE QUILINCHINI, SABANA GRANDE, PR 00637	Sabana Grande Municipio
EIS	EIS CAA 21267011 HENKEL PUERTO RICO INC		HENKEL PUERTO RICO INC	#9 AVE. QUILINCHINI, SABANA GRANDE, PR 00637	Sabana Grande Municipio
ICIS-NPDES	CWA	PRR053206	HENKEL PUERTO RICO, INC.	NO. 9 VICENTE QUILINCHINI AVENUE, SABANA GRANDE, PR 00637	Sabana Grande Municipio
TSCA	TSCA	TSCA121965	HENKEL SABANA GRANDE	QUILINCHINI AVENUE 9, SABANA GRANDE, PR 00637	Sabana Grande Municipio

#### Facility SIC (Standard Industrial Classification) Codes

### Facility NAICS (North American Industry Classification System) Codes

System	Identifier	SIC Code	SIC Description	System	Identifier	NAICS Code	NAICS Description
ICIS-NPDES	PRR053206	2891	Adhesives And Sealants		No data records returned		

#### **Facility Industrial Effluent Guidelines**

#### Facility Tribe Information

•			racinty Tribe Informati	11011		
Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description	Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
	No data records return	ned		No da	ata records returned	,

#### **Enforcement and Compliance**

**Compliance Monitoring History** Last 5 Years



Statute	Source ID	System	Activity Type	

Compliance Monitoring Type

No data records returned

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

#### **Compliance Summary Data**

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	PRR053206	Yes	06/30/2022	12	10/21/2022

#### Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	•
CW	A (Source ID: PRR053206)	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-12/31/21	01/0
	Facility-Level Status	Significant/Category I Noncompliance	Signifi I Nor									
	Quarterly Noncompliance Report History	Failure to Report DMR - Not Received	Failu Dl R									
	Late or Missing Discharge Monitoring Report (DMR) Measurements											
	Counts of Missing DMR Measurements		42				<u>42</u>			28	28	

#### Info

rmal	Enforcement	Actions	Last 5 Years	~	
					_

Statute	System	Source ID	Type of Action	Leau Agency	Date

No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

#### Formal Enforcement Actio

nt Actions	Last 5	Years 🕶
G	T C	G

Statute System	Law/Section	Source ID	Type of Action	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Cost	Comp Action Cost
								No data recor	ds returned					

#### **Environmental Conditions**

#### Watersheds

12-Digit <u>WBD (Watershed Boundary</u> <u>Dataset) HUC (RAD (Reach Address</u> <u>Database))</u>	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with <u>ESA</u> ( <u>Endangered Species Act</u> )-listed Aquatic Species?
210100030409	Rio Guanajibo at mouth	GUANAJIBO RIVER	No	No	Chemical Oxygen Demand (COD)   Chromium, hexavalent (as Cr)   Enterococci   Oxygen, dissolved (DO)   Phosphorus, total (as P)   Solids, total suspended	Yes

#### **Assessed Waters From Latest State Submission (ATTAINS)**

s	itate	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
	PR	2020	PRWR77A	RIO GUANAJIBO	Impaired - 303(d) Listed - With Restoration Plan	METALS (OTHER THAN MERCURY)   NUTRIENTS   ORGANIC ENRICHMENT/OXYGEN DEPLETION   PATHOGENS   TURBIDITY	Not Supporting	Not Supporting		Not Supporting	

#### Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
		No data records retur	mad	

#### **Pollutants**

#### Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-Site Releases	Total Off-Site Transfers

No data records returned

#### Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

# Chemical Name No data records returned

#### **Community**

#### EJScreen EJ Indexes

Twelve environmental justice (EJ) indexes of EJScreen, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group or 1-mile maximum (US or State) in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the <u>EJScreen home page</u>.

Show EJ Indexes calculated based on: Census Block Group - US 🔻

Census Block Group EJ Indexes (percentile)	
Particulate Matter 2.5	
Ozone	
Diesel Particulate Matter	61.8
Air Toxics Cancer Risk	77.2
Air Toxics Respiratory Hazard Index	74.1
Traffic Proximity	93
Lead Paint	81.2
Risk Management Plan (RMP) Facility Proximity	91.8
Hazardous Waste Proximity	82.3
Superfund Proximity	87.2
Underground Storage Tanks (UST)	83.4
Wastewater Discharge	90.7



#### Demographic Profile of Surrounding Area (1 mile)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2015 - 2019 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary.

General Statistics (U.S. Census)	
Total Persons	8,697
Population Density	2,783/sq.mi.
Housing Units in Area	3,876
General Statistics (ACS (American Community Survey))	
Total Persons	8,169
Percent People of Color	100%
Households in Area	2,632
Households on Public Assistance	100
Persons With Low Income	6,087
Percent With Low Income	75%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.0745
Center Longitude	-66.9624
Land Area	100%
Water Area	0%
Income Breakdown (ACS (American Community Survey)) - H	ouseholds (%)
Less than \$15,000	1,150 (43.69%)
\$15,000 - \$25,000	424 (16.11%)
\$25,000 - \$50,000	575 (21.85%)
\$50,000 - \$75,000	313 (11.89%)
Greater than \$75,000	170 (6.46%)

Children 5 years and younger	574 (7%)
Minors 17 years and younger	2,190 (25%)
Adults 18 years and older	6,507 (75%)
Seniors 65 years and older	1,624 (19%)
Race Breakdown (U.S. Census) - Persons (%)	
White	7,659 (88%)
African-American	449 (5%)
Hispanic-Origin	8,657 (100%)
Asian/Pacific Islander	8 (0%)
American Indian	45 (1%)
Other/Multiracial	536 (6%)
Education Level (Persons 25 & older) (ACS (American Community St	uryey)) - Persons (%)
Less than 9th Grade	767 (13.49%)
9th through 12th Grade	440 (7.74%)
High School Diploma	1,917 (33.73%)
Some College/2-year	634 (11.15%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,414 (24.88%)





**Facility Summary** 

SABANA GRANDE WASTEWATER TREATMENT PLANT

PR-2 KM 182.6 INT, SABANA GRANDE, PR 00637

FRS (Facility Registry Service) ID: 110000561678

EPA Region: 02

Latitude: 18.072417

Longitude: -66.96425

Locational Data Source: RMP

**Industries:** Utilities **Indian Country:** N

## **Enforcement and Compliance Summary**

Statute	CAA
Compliance Monitoring Activities (5 years)	-
Date of Last Compliance Monitoring Activity	-
Compliance Status	-
Qtrs in Noncompliance (of 12)	-
Qtrs with Significant Violation	-
Informal Enforcement Actions (5 years)	-
Formal Enforcement Actions (5 years)	-
Penalties from Formal Enforcement Actions (5 years)	-
EPA Cases (5 years)	-
Penalties from EPA Cases (5 years)	-
Statute	RCRA
Statute  Compliance Monitoring Activities (5 years)	RCRA
Compliance Monitoring Activities (5 years)	-
Compliance Monitoring Activities (5 years)  Date of Last Compliance Monitoring Activity	
Compliance Monitoring Activities (5 years)  Date of Last Compliance Monitoring Activity  Compliance Status	  No Violation Identified
Compliance Monitoring Activities (5 years)  Date of Last Compliance Monitoring Activity  Compliance Status  Qtrs in Noncompliance (of 12)	No Violation Identified
Compliance Monitoring Activities (5 years)  Date of Last Compliance Monitoring Activity  Compliance Status  Qtrs in Noncompliance (of 12)  Qtrs with Significant Violation	No Violation Identified 0
Compliance Monitoring Activities (5 years)  Date of Last Compliance Monitoring Activity  Compliance Status  Qtrs in Noncompliance (of 12)  Qtrs with Significant Violation  Informal Enforcement Actions (5 years)	No Violation Identified 0 0
Compliance Monitoring Activities (5 years)  Date of Last Compliance Monitoring Activity  Compliance Status  Qtrs in Noncompliance (of 12)  Qtrs with Significant Violation  Informal Enforcement Actions (5 years)	No Violation Identified  0

## **Regulatory Information**

Clean Air Act (CAA): No Information
Clean Water Act (CWA): No Information

### **Other Regulatory Reports**

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Resource Conservation and Recovery Act (RCRA): Inactive Other,

(PRD000691477)

Toxic Releases (TRI): No Information

Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

Known Data Problems <a href="https://epa.gov/resources/echo-data/known-data-problems">https://epa.gov/resources/echo-data/known-data-problems</a>

Facility/System Characteristics

#### **Facility/System Characteristics**

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110000561678					N	18.072417	-66.96425
ICIS		2656914					N	18.075301	-66.964625
RMP	CAA	100000125474					N	18.072417	-66.96425
RCRAInfo	RCRA	PRD000691477	Other	Inactive ( )			N	18.079987	-66.978635

## **Facility Address**

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110000561678	SABANA GRANDE WASTEWATER TREATMENT PLANT	PR-2 KM 182.6 INT, SABANA GRANDE, PR 00637	Sabana Grande Municipio
ICIS		2656914	PRASA SABANA GRANDE WWTP	STATE RD #2 KM 182.6, SANBANA GRANDE, PR 00722	Sabana Grande Municipio
RMP	CAA	100000125474			
RCRAInfo	RCRA	PRD000691477	SABANA GRANDE STP	STATE RD 2 KM 215.0, SABANA GRANDE, PR 00747	Sabana Grande Municipio

### **Facility SIC (Standard Industrial Classification) Codes**

## **Facility NAICS (North American Industry Classification System) Codes**

System	Identifier	SIC Code	SIC Description	System	Identifier	NAICS Code	NAICS Description
No data records returned				RCRAInfo	PRD000691477	22132	Sewage Treatment Facilities

## **Facility Tribe Information**

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)

No data records returned

**Enforcement and Compliance** 

## **Compliance Monitoring History** Last 5 Years



Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)

No data records returned

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy <https://www.epa.gov/compliance/compliance-monitoring-programs> activities or because they are not counted as inspections within EPA's Annual Results

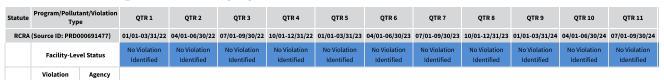
Last 5 Years

<a href="https://www.epa.gov/enforcement/enforcement-data-and-results">https://www.epa.gov/enforcement/enforcement-data-and-results</a>.

## **Compliance Summary Data**

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRD000691477	No	11/02/2024	0	11/01/2024

## Three-Year Compliance History by Quarter



## **Informal Enforcement Actions**

No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.



## **Air Quality Nonattainment Areas**



No data records returned

**Pollutants** 

# Toxics Release Inventory History of Reported Chemicals Released or Transferred in Pounds per Year at Site $\, \odot \,$

TRI Facility ID Year Air Emissions Surface Water Discharges Off-Site Transfers to POTWs (Publicly Owned Treatment Works) Underground Injections Disposal to Land Total On-Site Releases Total Off-Site Transfers

No data records returned

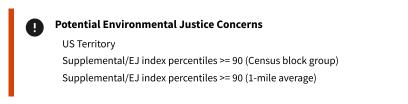
## Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year



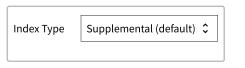
Community

#### **Environmental Justice**

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.



#### **EJScreen Indexes Shown**

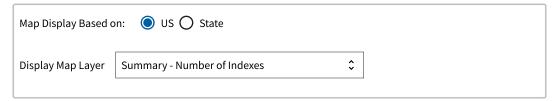


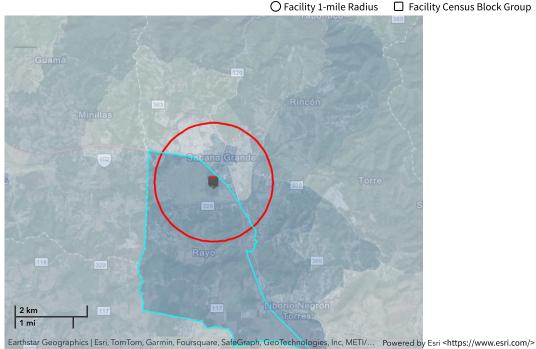
#### **Related Reports**

**EJScreen Community Report** 

Open Download Data

Census Block Group ID: 721219607002	US (Percentile)			State (Percentile)		
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max
Count of Indexes At or Above 90th Percentile	4	4	6	0	0	3
Particulate Matter 2.5		N/A			N/A	
Ozone		N/A			N/A	
Diesel Particulate Matter	5	4	5	39	38	50
Air Toxics Cancer Risk	53	35	55	73	0	89
Air Toxics Respiratory Hazard Index	37	35	39	73	60	89
Toxic Releases to Air	77	75	84	10	10	14
Traffic Proximity	<b>9</b> 96	98	<b>9</b> 99	63	72	<b>9</b> 7
Lead Paint	88	81	97	54	44	82
Risk Management Plan (RMP) Facility Proximity	41	45	54	3	5	6
Hazardous Waste Proximity	97	97	<b>9</b> 99	73	79	<b>9</b> 96
Superfund Proximity	99	99	<b>9</b> 99	82	75	87
Underground Storage Tanks (UST)	0	83	<b>9</b> 99	0	62	<b>9</b> 94
Wastewater Discharge	98	<b>9</b> 97	<b>9</b> 9	54	48	85





## Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <a href="https://epa.gov/help/reports/dfr-data-dictionary#demographic">https://epa.gov/help/reports/dfr-data-dictionary#demographic</a>.

General Statistics (ACS (American Community Survey))				
Total Persons	7,875			
Population Density	2,524/sq.mi.			
Housing Units in Area	3,325			
Percent People of Color	100%			

Age Breakdown (ACS (American Community Survey)) - Persons (%)				
Children 5 years and younger	117 (1%)			
Minors 17 years and younger	1,736 (22%)			
Adults 18 years and older	6,138 (78%)			
Seniors 65 years and older	1,861 (24%)			

General Statistics (ACS (American Community Survey))	
Households in Area	2,406
Households on Public Assistance	160
Persons With Low Income	5,693
Percent With Low Income	72%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.072417
Center Longitude	-66.96425
Land Area	100%
Water Area	0%

Income Breakdown (ACS (American Community Survey)) - Households (%)				
Less than \$15,000	955 (39.69%)			
\$15,000 - \$25,000	418 (17.37%)			
\$25,000 - \$50,000	599 (24.9%)			
\$50,000 - \$75,000	285 (11.85%)			
Greater than \$75,000	149 (6.19%)			

Race Breakdown (ACS (American Community Survey)) - Persons (%)				
White	5,253 (67%)			
African-American	0 (0%)			
Hispanic-Origin	7,830 (99%)			
Asian	5 (0%)			
Hawaiian/Pacific Islander	0 (0%)			
American Indian	5 (0%)			
Other/Multiracial	2,035 (26%)			

Education Level (Persons 25 & older) (ACS (American Community Survey)) - Per	ersons (%)
Less than 9th Grade	792 (15.04%)
9th through 12th Grade	411 (7.81%)
High School Diploma	1,645 (31.24%)
Some College/2-year	470 (8.93%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,390 (26.4%)



**Facility Summary** 

ESSO STANDARD OIL CO PR CO-370

PR-121 65TH INFANTERIA 7, SABANA GRANDE, PR 00637

FRS (Facility Registry Service) ID: 110004895105

**EPA Region:** 02 **Latitude:** 18.076339 **Longitude:** -66.960406

Locational Data Source: RCRAINFO

Industries: -Indian Country: N

## **Enforcement and Compliance Summary**

Statute	RCRA
Compliance Monitoring Activities (5 years)	-
Date of Last Compliance Monitoring Activity	-
Compliance Status	No Violation Identified
Qtrs in Noncompliance (of 12)	0
Qtrs with Significant Violation	0
Informal Enforcement Actions (5 years)	-
Formal Enforcement Actions (5 years)	-
Penalties from Formal Enforcement Actions (5 years)	-
EPA Cases (5 years)	-
Penalties from EPA Cases (5 years)	-

**Other Regulatory Reports** 

Air Emissions Inventory (EIS): No Information

Toxic Releases (TRI): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Compliance and Emissions Data Reporting Interface (CEDRI): No Information

## **Regulatory Information**

Clean Air Act (CAA): No Information
Clean Water Act (CWA): No Information

 $\textbf{Resource Conservation and Recovery Act (RCRA):} \quad \text{Active VSQG},$ 

(PRR000011395)

Safe Drinking Water Act (SDWA): No Information

Go To Enforcement/Compliance Details

Known Data Problems <a href="https://epa.gov/resources/echo-data/known-data-problems">https://epa.gov/resources/echo-data/known-data-problems</a>

Facility/System Characteristics

### **Facility/System Characteristics**

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004895105					N	18.076339	-66.960406
ICIS		600006855					N	18.074167	-66.96
RCRAInfo	RCRA	PRR000011395	VSQG	Active (H )			N	18.076339	-66.960406

### **Facility Address**

System	Statute	Identifier	Facility Name	Facility Address	Facility County	
FRS		110004895105	ESSO STANDARD OIL CO PR CO-370	PR-121 65TH INFANTERIA 7, SABANA GRANDE, PR 00637	Sabana Grande Municipio	
ICIS		600006855	ESSO S/S CO-370	65 INF., CARR. 121, SABANA GRANDE, PR 00637	Sabana Grande Municipio	
RCRAInfo	RCRA	PRR000011395	ESSO STANDARD OIL CO PR CO-370	CARR 121 65TH INFANTERIA 7, SABANA GRANDE, PR 00637	Sabana Grande Municipio	

## **Facility SIC (Standard Industrial** Classification) Codes

## **Facility NAICS (North American Industry Classification System) Codes**

Identifier NAICS Code SIC Code SIC Description NAICS Description No data records returned No data records returned **Facility Tribe Information** 

EPA Tribal ID Distance to Tribe (miles) No data records returned

**Enforcement and Compliance** 

**Compliance Monitoring History** Last 5 Years

Finding (if applicable)

No data records returned

Entries in italics are not included in ECHO's Compliance Monitoring Activity counts because they are not compliance monitoring strategy

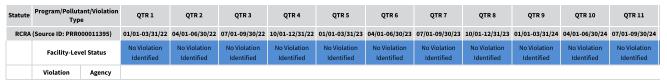
<https://www.epa.gov/compliance/compliance-monitoring-programs> activities or because they are not counted as inspections within EPA's Annual Results

<a href="https://www.epa.gov/enforcement/enforcement-data-and-results">https://www.epa.gov/enforcement/enforcement-data-and-results</a>.

#### **Compliance Summary Data**

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	PRR000011395	No	11/02/2024	0	11/01/2024

## Three-Year Compliance History by Quarter



## **Informal Enforcement Actions**

No data records returned

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.





Last 5 Years

No data records returned

**Environmental Conditions** 

#### Watersheds

12-Digit WBD (Watershed Boundary WBD (Watershed Boundary Dataset) State Water Body Name (ICIS Beach Closures Watershed with ESA (Endange Reach Closures Pollutants Potentially Dataset) HUC (RAD (Reach Address Subwatershed Name (RAD (Reach Address Species Act)-listed Aquatic Within Last Year Related to Impairment

No data records returned

#### **Assessed Waters From Latest State Submission (ATTAINS)**

State Report Cycle Assessment Unit ID Assessment Unit ID Assessment Unit ID Assessment Unit Name Water Condition Cause Groups Impaired Drinking Water Use Ecological Use Fish Consumption Use Recreation Use Other Use

No data records returned

#### **Air Quality Nonattainment Areas**

Pollutant Within Nonattainment Status Area? Nonattainment Status Applicable Standard(s) Within Maintenance Status Area? Maintenance Status Applicable Standard(s)

No data records returned

**Pollutants** 

# Toxics Release Inventory History of Reported Chemicals Released or Transferred in Pounds per Year at Site $\odot$

TRI Facility ID Year Air Emissions Surface Water Discharges Off-Site Transfers to POTWs (Publicly Owned Treatment Works) Underground Injections Disposal to Land Total On-Site Releases Total Off-Site Transfers

No data records returned

### Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year



Chemical Name

No data records returned

Community

#### **Environmental Justice**

This section shows indexes from EJScreen, EPA's screening tool for environmental justice (EJ) concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. Use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJScreen provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJScreen home page.



#### **Potential Environmental Justice Concerns**

US Territory

Supplemental/EJ index percentiles >= 90 (Census block group)

Supplemental/EJ index percentiles >= 90 (1-mile average)

#### **EJScreen Indexes Shown**

#### **Related Reports**

Index Type Supplemental (default) 💲

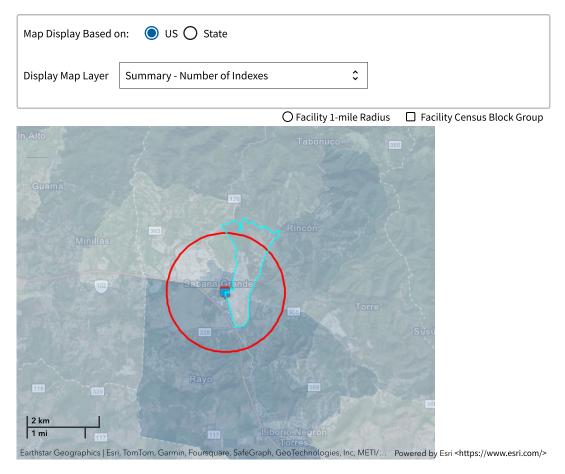
**EJScreen Community Report** 

Oownload Data

Census Block Group ID: 721219606001	US (I	Percentile)		State (Percentile)				
Supplemental Indexes	Facility Census Block Group	1-mile Avg	1-mile Max	Facility Census Block Group	1-mile Avg	1-mile Max		
Count of Indexes At or Above 90th Percentile	5	4	6	0	0	3		
Particulate Matter 2.5		N/A			N/A			
Ozone		N/A			N/A			
Diesel Particulate Matter	4	4	5	35	38	50		
Air Toxics Cancer Risk	52	35	55	56	0	89		
Air Toxics Respiratory Hazard Index	34	35	39	57	59	89		
Toxic Releases to Air	76	75	84	11	10	14		
Traffic Proximity	97	98	<b>9</b> 99	65	71	97		
Lead Paint	83	80	97	45	44	82		
Risk Management Plan (RMP) Facility Proximity	44	45	54	5	5	6		
Hazardous Waste Proximity	98	<b>9</b> 7	<b>9</b> 99	83	79	<b>9</b> 6		
Superfund Proximity	99	<b>9</b> 9	<b>9</b> 99	70	74	87		
Underground Storage Tanks (UST)	95	85	<b>9</b> 99	76	63	<b>9</b> 94		

95

Wastewater Discharge



## Demographic Profile of Surrounding Area (1-Mile Radius)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2021 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. Census boundaries and demographic data for U.S. Territories are based on the "2020 Island Areas Demographic Profiles" from the U.S. Census Bureau. EPA's spatial processing methodology considers the overlap between the selected radii and ACS census block groups in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary <a href="https://epa.gov/help/reports/dfr-data-dictionary#demographic">https://epa.gov/help/reports/dfr-data-dictionary#demographic</a>.

General Statistics (ACS (American Community Survey))	
Total Persons	8,935
Population Density	2,864/sq.mi.
Housing Units in Area	3,769
Percent People of Color	100%
Households in Area	2,707
Households on Public Assistance	188
Persons With Low Income	6,419
Percent With Low Income	72%
Geography	
Radius of Selected Area	1 mi.
Center Latitude	18.076339
Center Longitude	-66.960406
Land Area	100%
Water Area	0%
Income Breakdown (ACS (American Community Survey)	) - Households (%)
Less than \$15,000	1,056 (39%)
\$15,000 - \$25,000	481 (17.76%)
\$25,000 - \$50,000	661 (24.41%)
\$50,000 - \$75,000	343 (12.67%)

167 (6.17%)

Age Breakdown (ACS (American Community Survey)) - Persons (%)	
Children 5 years and younger	165 (2%)
Minors 17 years and younger	2,033 (23%)
Adults 18 years and older	6,904 (77%)
Seniors 65 years and older	2,031 (23%)
Race Breakdown (ACS (American Community Survey)) - Persons (%	b)
White	5,890 (66%)
African-American	0 (0%)
Hispanic-Origin	8,893 (100%)
Asian	7 (0%)
Hawaiian/Pacific Islander	0 (0%)
American Indian	10 (0%)
Other/Multiracial	2,255 (25%)
Education Level (Persons 25 & older) (ACS (American Community S	urvey)) - Persons (%)
Less than 9th Grade	838 (14.14%)
9th through 12th Grade	416 (7.02%)
High School Diploma	1,874 (31.61%
Some College/2-year	538 (9.08%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	1,602 (27.02%

Greater than \$75,000



## U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT WASHINGTON, DC 20410-1000

### **Endangered Species Act (CEST and EA) – PARTNER**

https://www.hudexchange.info/environmental-review/endangered-species

#### 1. Does the project involve any activities that have the potential to affect species or habitats?

⊠No, the project will have No Effect due to the nature of the activities involved in the project.

- → If the RE/HUD agrees with this recommendation, the review is in compliance with this section.

  Continue to the Worksheet Summary below. Provide any documents used to make your determination.
- □No, the project will have No Effect based on a letter of understanding, memorandum of agreement, programmatic agreement, or checklist provided by local HUD office.

#### **Explain your determination:**

Click here to enter text.

- → If the RE/HUD agrees with this recommendation, the review is in compliance with this section.

  Continue to the Worksheet Summary below. Provide any documents used to make your determination.
- $\Box$ Yes, the activities involved in the project have the potential to affect species and/or habitats.  $\Rightarrow$  Continue to Question 2.

## 2. Are federally listed species or designated critical habitats present in the action area?

Obtain a list of protected species from the Services. This information is available on the FWS Website.

- $\square$ No, the project will have No Effect due to the absence of federally listed species and designated critical habitat.
  - → If the RE/HUD agrees with this recommendation, the review is in compliance with this section.

    Continue to the Worksheet Summary below. Provide any documents used to make your determination. Documentation may include letters from the Services, species lists from the Services' websites, surveys or other documents and analysis showing that there are no species in the action area.
- □Yes, there are federally listed species or designated critical habitats present in the action area. → Continue to Question 3.

- 3. Recommend one of the following effects that the project will have on federally listed species or designated critical habitat:
  - □No Effect: Based on the specifics of both the project and any federally listed species in the action area, you have determined that the project will have absolutely no effect on listed species or critical habitat.
    - → If the RE/HUD agrees with this recommendation, the review is in compliance with this section.

      Continue to the Worksheet Summary below. Provide any documents used to make your determination. Documentation should include a species list and explanation of your conclusion, and may require maps, photographs, and surveys as appropriate.
  - ☐ May Affect, Not Likely to Adversely Affect: Any effects that the project may have on federally listed species or critical habitats would be beneficial, discountable, or insignificant.
    - → Partner entities should not contact the Services directly. If the RE/HUD agrees with this recommendation, they will have to complete Informal Consultation. Provide the RE/HUD with a biological evaluation or equivalent document. They may request additional information, including surveys and professional analysis, to complete their consultation.
  - □Likely to Adversely Affect: The project may have negative effects on one or more listed species or critical habitat.
    - → Partner entities should not contact the Services directly. If the RE/HUD agrees with this recommendation, they will have to complete Formal Consultation. Provide the RE/HUD with a biological evaluation or equivalent document. They may request additional information, including surveys and professional analysis, to complete their consultation.

#### **Worksheet Summary**

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

#### Include all documentation supporting your findings in your submission to HUD

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# **U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT** WASHINGTON, DC 20410-1000

## Explosive and Flammable Hazards (CEST and EA) – PARTNER

https://www.hudexchange.info/environmental-review/explosive-and-flammable-facilities

1.	Does the proposed HUD-assisted project include a hazardous facility (a facility that mainly stores, handles or processes flammable or combustible chemicals such as bulk fuel storage facilities and refineries)?  ☑ No → Continue to Question 2.
	☐ Yes  Explain: Click here to enter text.  → Continue to Question 5.
2.	Does this project include any of the following activities: development, construction, rehabilitation that will increase residential densities, or conversion?  ☑ No → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.
	$\square$ Yes $\rightarrow$ Continue to Question 3.
3.	<ul> <li>Within 1 mile of the project site, are there any current or planned stationary aboveground storage containers:</li> <li>Of more than 100-gallon capacity, containing common liquid industrial fuels OR</li> <li>Of any capacity, containing hazardous liquids or gases that are not common liquid industrial fuels?</li> </ul>
	$\square$ No $\Rightarrow$ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide all documents used to make your determination.
	$\square$ Yes $\rightarrow$ Continue to Question 4.
•	<ul> <li>Is the Separation Distance from the project acceptable based on standards in the Regulation?         Please visit HUD's website for information on calculating Acceptable Separation Distance.         □ Yes         → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.             Provide map(s) showing the location of the project site relative to any tanks and your separation distance calculations. If the map identifies more than one tank, please identify the tank you have chosen as the "assessed tank."</li> </ul>

	□ No → Continue to Question 6. Provide map(s) showing the location of the project site relative to any tanks and your separation distance calculations. If the map identifies more than one tank, please identify the tank you have chosen as the "assessed tank."
5.	Is the hazardous facility located at an acceptable separation distance from residences and any other facility or area where people may congregate or be present?  Please visit HUD's website for information on calculating Acceptable Separation Distance.
	<ul> <li>☐ Yes</li> <li>→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.</li> <li>Provide map(s) showing the location of the project site relative to residences and any other facility or area where people congregate or are present and your separation distance calculations.</li> </ul>
	<ul> <li>□ No</li> <li>→ Continue to Question 6.</li> <li>Provide map(s) showing the location of the project site relative to residences and any other facility or area where people congregate or are present and your separation distance</li> </ul>

6. For the project to be brought into compliance with this section, all adverse impacts must be mitigated. Explain in detail the exact measures that must be implemented to make the Separation Distance acceptable, including the timeline for implementation. If negative effects cannot be mitigated, cancel the project at this location.

Note that only licensed professional engineers should design and implement blast barriers. If a barrier will be used or the project will be modified to compensate for an unacceptable separation distance, provide approval from a licensed professional engineer.

Click here to enter text.

calculations.

#### **Worksheet Summary**

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

#### Include all documentation supporting your findings in your submission to HUD.

This is a demolition, mechanical method, and rehabilitation project on the same footprint and will remain a Plaza, as at present. There are and will be no aboveground storage tanks (ASTs) on the property; therefore, no exposure to any hazardous substances is foreseen. Therefore, this topic complies with the regulation



## U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT WASHINGTON, DC 20410-1000

## Farmlands Protection (CEST and EA) - PARTNER

https://www.hudexchange.info/environmental-review/farmlands-protection

	<ul> <li>land or conversion, that could convert agricultural land to a non-agricultural use?</li> <li>Yes → Continue to Question 2.</li> <li>No</li> <li>→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.</li> </ul>
2.	<ul> <li>Project meet one of the following exemptions?</li> <li>Project on land already in or committed to urban development or used for water storage (7 CFR 658.2(a)). To check whether the project location is located in an urbanized area, use the following US Census Bureau application: TIGERweb</li> <li>Construction limited to on-farm structures needed for farm operations</li> <li>Construction is limited to new minor secondary (accessory) structures such as a garage or storage shed</li> </ul>
	■ Yes → Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination
	- Mary Continue to Occation 2

1. Does your project include any activities, including new construction, acquisition of undeveloped

- $\boxtimes$  No  $\rightarrow$  Continue to Question 3.
- 3. Does "important farmland," including prime farmland, unique farmland, or farmland of statewide or local importance regulated under the Farmland Protection Policy Act, occur on the project site? You may use the links below to determine important farmland occurs on the project site:
  - Utilize USDA Natural Resources Conservation Service's (NRCS) Web Soil Survey http://websoilsurvey.nrcs.usda.gov/app/HomePage.htm
  - Check with your city or county's planning department and ask them to document if the project is on land regulated by the FPPA (zoning important farmland as non-agricultural does not exempt it from FPPA requirements)
  - Contact NRCS at the local USDA service center
     <a href="http://offices.sc.egov.usda.gov/locator/app?agency=nrcs">http://offices.sc.egov.usda.gov/locator/app?agency=nrcs</a> or your NRCS state soil scientist
     <a href="http://soils.usda.gov/contact/state">http://soils.usda.gov/contact/state</a> offices/ for assistance
  - ⋈ No → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide any documents used to make your determination.

Yes →	Continue to	Question	4

- 4. Consider alternatives to completing the project on important farmland and means of avoiding impacts to important farmland.
  - Complete form <u>AD-1006</u>, "Farmland Conversion Impact Rating" and contact the state soil scientist before sending it to the local NRCS District Conservationist.
  - Work with NRCS to minimize the impact of the project on the protected farmland. When you have finished with your analysis, return a copy of form AD-1006 to the USDA-NRCS State Soil Scientist or his/her designee informing them of your determination.

#### Work with the RE/HUD to determine how the project will proceed. Document the conclusion:

□ Project will proceed with mitigation.

Explain in detail the proposed measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.

Click here to enter text.

 $\rightarrow$  If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide form AD-1006 and all other documents used to make your determination.

□ Project will proceed without mitigation.

#### Explain why mitigation will not be made here:

Click here to enter text.

 $\rightarrow$  If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide form AD-1006 and all other documents used to make your determination.

#### **Worksheet Summary**

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

#### Include all documentation supporting your findings in your submission to HUD.

The site project is in a previously impacted area. It is not a prime farmland nor will the project result in the conversion of prime, unique, or state farmland therefore no protection is needed.

Based on the Natural Resources Conservation Service Web Soil Survey Farmland Classification Mapping, the project site is not situated on farmland soils. It is located on soils classified as urban land. See Attachment B-10.



1.

# U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT WASHINGTON, DC 20410-1000

## Floodplain Management (CEST and EA)

General Requirements	Legislation	Regulation		
Executive Order 11988,	Executive Order 11988	24 CFR 55		
Floodplain Management,	Executive Order 13690			
requires Federal activities to	42 USC <u>4001-4128</u>			
avoid impacts to floodplains and	42 USC 5154a			
to avoid direct and indirect				
support of floodplain				
development to the extent				
practicable.				
Reference				
https://www.hudexchange.info/environmental-review/floodplain-management				

//www.nduexchange.info/environmental-review/noouplain-management
Does this project meet an exemption at <a href="24 CFR 55.12">24 CFR 55.12</a> from compliance with HUD's floodplain management regulations in Part 55 or utilize the delayed compliance date for certain Office of Housing programs?  \[ \textstyle \text{Yes} \]  Select the applicable citation at <a href="24 CFR 55.12">24 CFR 55.12</a> and provide supporting documentation for the determination if applicable.
a)   HUD-assisted activities described in 24 CFR 58.34 and 58.35(b)
b) ☐ HUD-assisted activities described in 24 CFR 50.19, except as otherwise indicated in § 50.19
<ul> <li>c)</li></ul>
d) ☐ An action involving a repossession, receivership, foreclosure, or similar acquisition of property to protect or enforce HUD's financial interests under previously approved loans, grants, mortgage insurance, or other HUD assistance
<ul> <li>e)          Policy-level actions described at 24 CFR 50.16 that do not involve site-based decisions     </li> <li>f)          A minor amendment to a previously approved action with no additional adverse impact on or from a floodplain or wetland;     </li> </ul>

	g)  HUD's or the responsible entity's approval of a project site, an incidental portion of which is situated in the FFRMS floodplain (not including the floodway, LiMWA, or coastal high hazard area) but only if:
	(1) The proposed project site does not include any existing or proposed buildings or improvements that modify or occupy the FFRMS floodplain except de minimis improvements such as recreation areas and trails; and
	(2) the proposed project will not result in any new construction in or modifications of a wetland
	h)  Issuance or use of Housing Vouchers or other forms of rental subsidy where HUD, the awarding community, or the public housing agency that administers the contract awards rental subsidies that are not project-based (i.e., do not involve site-specific subsidies)
	i) Special projects directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and persons with disabilities.
D	
	on the response, the review is in compliance with this section. Continue to the Worksheet ary below.
	$\square$ Yes. Office of Housing programs utilizing the January 1, 2025 compliance date. These reviews must comply with the 2013 version of the Part 55 regulations. Continue to Worksheet Summary for 2013 version to upload supporting documentation.
	No. Continue to Question 2.
2.	Does the project include a Critical Action?
	☐ Yes. Describe the Critical Action. Examples of Critical Actions include projects involving hospitals, fire and police stations, nursing homes, hazardous chemical storage, storage of valuable records, and utility plants. Continue to Question 4.
	Ma Cantinua to Question 2

### 3. Determine the extent of the FFRMS floodplain and provide mapping documentation in support of that determination.

The extent of the FFRMS floodplain can be determined using a Climate Informed Science Approach (CISA), 0.2 percent flood approach (0.2 PFA), or freeboard value approach (FVA). For projects in areas without available CISA data or without FEMA Flood Insurance Rate Maps (FIRMs), Flood Insurance Studies (FISs) or Advisory Base Flood Elevations (ABFEs), use the best available information to determine flood elevation. Include documentation and an explanation of why this is the best available information for the site. Note that newly constructed and substantially improved structures must be elevated to the FFRMS floodplain regardless of the approach chosen to determine the floodplain.

Select one of the following three options:
☐ CISA for non-critical actions. If using a local tool, data, or resources, ensure that the FFRMS elevation is higher than would have been determined using the 0.2 PFA or the FVA.
☑ 0.2-PFA. Where FEMA has defined the 0.2-percent-annual-chance floodplain, the FFRMS floodplain is the area that FEMA has designated as within the 0.2-percent-annual-chance floodplain.
□ FVA. If neither CISA nor 0.2-PFA is available, for non-critical actions, the FFRMS floodplain is the area that results from adding two feet to the base flood elevation as established by the effective FIRM or FIS or—if available —a FEMA-provided preliminary or pending FIRM or FIS or advisory base flood elevations, whether regulatory or informational in nature. However, an interim or preliminary FEMA map cannot be used if it is lower than the current FIRM or FIS.
Does your project occur in the FFRMS floodplain?
<ul><li>□Yes, continue to part b.</li><li>☑ No. Review for floodplain management is complete.</li></ul>
Is your project located in any of the floodplain categories below? Select all that apply. If none apply, continue to question 7.
☐ Floodway: Continue to Question 5. Floodways.
☐ Coastal High Hazard Area (V Zone) or Limit of Moderate Wave Action (LiMWA): Continue to Question 6. Coastal High Hazard Areas and LiMWAs.
Determine the extent of the FFRMS floodplain and provide mapping documentation in support
of that determination.  The extent of the FFRMS floodplain can be determined using a Climate Informed Science Approach (CISA), or the higher of the 0.2 percent flood approach (0.2 PFA), or freeboard value approach (FVA). For projects in areas without available CISA data or without FEMA Flood Insurance Rate Maps (FIRMs), Flood Insurance Studies (FISs) or Advisory Base Flood Elevations (ABFEs), use the best available information to determine flood elevation. Note that newly constructed and substantially improved structures must be elevated to the FFRMS floodplain regardless of the approach chosen to determine the floodplain.
Utilize CISA to determine the FFRMS floodplain for critical actions
$\Box$ CISA for Critical Actions. If using a local tool, ensure that the FFRMS elevation provided is higher than the 0.2 PFA or 3' above the base flood elevation.

a.

b.

4.

OR;

Choose the higher of 0.2 PFA or FVA elevations
□ 0.2-PFA. Where FEMA has defined the 0.2-percent-annual-chance floodplain, the FFRMS floodplain is the area that FEMA has designated as within the 0.2-percent-annual-chance floodplain.
□ FVA. For critical actions, the FFRMS floodplain is the area that results from adding three feet to the base flood elevation as established by the effective FEMA FIRM or FIS or—if available —a FEMA-provided preliminary or pending FIRM or FIS or advisory base flood elevations, whether egulatory or informational in nature. However, an interim or preliminary FEMA map cannot be used if it is lower than the current FIRM or FIS.
Does your project occur in the FFRMS floodplain?  ☐Yes, continue to part b.
□No. Review for floodplain management is complete.
Is your project located in any of the floodplain categories below? Select all that apply. If none apply, continue to question 7.
☐ Floodway: Continue to Question 5. Floodways.
☐ Coastal High Hazard Area (V Zone) or LiMWA: Continue to Question 6. Coastal High Hazard Areas and LiMWAs.
Floodways  Do the floodway exemptions at 55.8 or 55.21 apply?  ☐ Yes  The 8-Step Process is required. Document mitigation measures necessary to meet the requirements in 55.8 or 55.21. Provide a completed 8-Step Process, including the early public notice and the final notice.  Continue to Question 7. 8-Step Process.
□ No  Federal assistance may not be used at this location. You must either choose an alternate site or cancel the project at this location.
Coastal High Hazard Area (V Zone) and LiMWAs  Do the exemptions at 55.8 or 55.21 apply?  ☐ Yes  The 8-Step Process is required. Document mitigation measures necessary to mee the requirements in 55.8 or 55.21. Provide a completed 8-Step Process, including the early public notice and the final notice.  Continue to Question 7. 8-Step Process.
□No

a.

b.

5.

6.

Federal assistance may not be used at this location. You must either choose an alternate site or cancel the project at this location.

7. 8-Step Process
-------------------

Does the 8-Step Process apply? Select one of the following options:
☐ 8-Step Process is inapplicable per 55.13.
Select the applicable citation:
□ (a) HUD's mortgage insurance actions and other financial assistance for the purchasing, mortgaging, or refinancing of existing one- to four-family properties in communities that are in the Regular Program of the NFIP and in good standing (i.e., not suspended from program eligibility or placed on probation under 44 CFR 59.24), where the action is not a critical action and the property is not located in a floodway, coastal high hazard area, or LiMWA;
$\square$ (b) Financial assistance for minor repairs or improvements on one- to four-family
properties that do not meet the thresholds for "substantial improvement" under 55 1
<ul> <li>(c) HUD or a recipient's actions involving the disposition of individual HUD or recipient held, one- to four-family properties;</li> </ul>
□ (d) HUD guarantees under the Loan Guarantee Recovery Fund Program (24 CFR part 573), where any new construction or rehabilitation financed by the existing loan or mortgage has been completed prior to the filing of an application under the program, and the refinancing will not allow further construction or rehabilitation, nor result in any physical impacts or changes except for routine maintenance;
<ul> <li>(e) The approval of financial assistance to lease units within an existing structure located within the floodplain, but only if;</li> </ul>
<ul> <li>(1) The structure is located outside the floodway or coastal high hazard area, and is in a community that is in the Regular Program of the NFIP and in good standing (i.e., not suspended from program eligibility or placed on probation under 44 CFR 59.24); and</li> <li>(2) The project is not a critical action; and</li> <li>(3) The entire structure is or will be fully insured or insured to the maximum extent available under the NFIP for at least the term of the lease.</li> </ul>
$\square$ (f) Special projects for the purpose of improving efficiency of utilities or installing
renewable energy that involve the repair, rehabilitation, modernization, weatherization, or improvement of existing structures or infrastructure, do not meet the thresh ds s s an a n nd 55 1 and d n n d the installation of equipment below the FFRMS floodplain elevation.
Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.
☐ 5-Step Process is applicable per 55.14.
Provide documentation of 5-Step Process.
Select the applicable citation:
☐ (a) HUD actions involving the disposition of HUD-acquired multifamily housing projects or "bulk sales" of HUD-acquired one- to four-family properties in communities that are in the Regular Program of the National Flood Insurance Program (NFIP) and in good

	standing (i.e., not suspended from program eligibility or placed on probation under 44 CFR 59.24).
	(b)HUD's actions under the National Housing Act (12 U.S.C. 1701) for the purchase or refinancing of existing multifamily housing projects, hospitals, nursing homes, assisted living facilities, board and care facilities, and intermediate care facilities, in communities that are in good standing under the NFIP.
	□ (c) HUD's or the recipient's actions under any HUD program involving the repair, rehabilitation, modernization, weatherization, or improvement of existing multifamily housing projects, hospitals, nursing homes, assisted living facilities, board and care facilities, intermediate care facilities, and one- to four-family properties, in communities that are in the Regular Program of the National Flood Insurance Program (NFIP) and are in good standing, provided that the number of units is not increased more than 20 percent, the action does not involve a conversion from nonresidential to residential land use, the action does not meet the thresholds for "substantial improvement" under § 55.2(b)(10), and the footprint of the structure and paved areas is not increased by more than 20 percent.
	□ (d) HUD's (or the recipient's) actions under any HUD program involving the repair, rehabilitation, modernization, weatherization, or improvement of existing nonresidential buildings and structures, in communities that are in the Regular Program of the NFIP and are in good standing, provided that the action does not meet the thresholds for "substantial improvement" under § 55.2(b)(10) and that the footprint of the structure and paved areas is not increased by more than 20 percent
	□ (e) HUD's or the recipient's actions under any HUD program involving the repair, rehabilitation, or replacement of existing nonstructural improvements including streets, curbs and gutters, where any increase of the total impervious surface area of the facility is de minimis. This provision does not include critical actions, levee systems, chemical storage facilities (including any tanks), wastewater facilities, or sewer lagoons.
	Continue to Question 8. Mitigation.
	☐ 8-Step Process applies.  Provide a completed 8-Step Process, including the early public notice and the final notice.
	Continue to Question 8. Mitigation.
8.	Mitigation For the project to comply with this section, all adverse impacts must be mitigated. Explain in detail the measures that must be implemented to mitigate the impact or effect, including the timeline for implementation. Note: newly constructed and substantially improved structures within the FFRMS floodplain must be elevated to the FFRMS floodplain elevation or floodproofed, if applicable.

Which of the following if any mitigation/minimization measures have been identified for this project ir		
the 8-Step or 5	5-Step Process? Select all that apply.	
	Buyout and demolition or other supported clearance of floodplain structures	

ш	Buyout and demontion of other supported clearance of hoodplain structures
	Insurance purchased in excess of statutory requirement under the Flood Disaster
Pro	tection Act of 1973
	Permeable surfaces
	Natural landscape enhancements that maintain or restore natural hydrology
	Planting or restoring native plant species
	Bioswales
	Stormwater capture and reuse
	Green or vegetative roofs with drainage provisions
	Natural Resources Conservation Service conservation easements or similar easements
	Floodproofing of structures as allowable (e.g. non-residential floors)
	Elevating structures (including freeboard above the required base flood elevations)
	Levee or structural protection from flooding
	Channelizing or redefining the floodway or floodplain through a Letter of Map Revision
	(LOMR)

Based on the response, the review is in compliance with this section. Continue to the Worksheet Summary below.

#### **Worksheet Summary**

#### **Compliance Determination**

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- FIRM panel numbers
- CISA data or maps
- Information on other data or tools used or accessed
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

#### Include all documentation supporting your findings in your submission to HUD

The proposed project is not located in a Federal Flood Risk Management Standard (FFRMS) floodplain. The presence of the location in a FFRMS floodplain was assessed using the best available data and the FEMA-defined 0.2 Percent-Annual-Chance Floodplain Approach (0.2PFA). The project site is not within the 0.2 percent chance of flood, nor is there any hydrologic or hydraulic data to indicate the likelihood of flooding at the project site, according to FEMA Recommended Base Flood Level Maps (Advisory Maps), Map Number 72000C1580J with an effective date of April 13, 2018. The project is in compliance with Executive Order 11988 as amended by Executive Order 13690 and with Federal Flood Risk Management Standard (FFRMS), as determined by the 0.2-PFA method.

# **Worksheet Summary for 2013 Version Compliance Determination**

Attach 'Floodplain Management Partner Worksheet' (OMB No. 2506-0177), FIRM map indicating project location, and summary of 8-step or 5-step decision making process if applicable.

Provide a clear description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your region

Includ	Include all documentation supporting your findings in your submission to HUD				



#### U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

WASHINGTON, DC 20410-1000

### Historic Preservation (CEST and EA) - PARTNER

https://www.hudexchange.info/environmental-review/historic-preservation

#### **Threshold**

#### Is Section 106 review required for your project?

□ No, because a Programmatic Agreement states that all activities included in this project are exempt. (See the <u>PA Database</u> to find applicable PAs.)

Either provide the PA itself or a link to it here. Mark the applicable exemptions or include the text here:

Click here to enter text.

→ Continue to the Worksheet Summary.

□ No, because the project consists solely of activities included in a No Potential to Cause Effects memo or other determination [36 CFR 800.3(a)(1)].

Either provide the memo itself or a link to it here. Explain and justify the other determination here:

Click here to enter text.

→ Continue to the Worksheet Summary.

#### **The Section 106 Process**

After determining the need to do a Section 106 review, HUD or the RE will initiate consultation with regulatory and other interested parties, identify and evaluate historic properties, assess effects of the project on properties listed on or eligible for the National Register of Historic Places, and resolve any adverse effects through project design modifications or mitigation.

Step 1: Initiate consultation

Step 2: Identify and evaluate historic properties

Step 3: Assess effects of the project on historic properties

Step 4: Resolve any adverse effects

Only RF or HUD staff may initiate the Section 106 consultation process. Partner entities may gather information, including from SHPO records, identify and evaluate historic properties, and make initial assessments of effects of the project on properties listed in or eligible for the National Register of Historic Place. Partners should then provide their RE or HUD with all of their analysis and documentation so that they may initiate consultation.

#### **Step 1 - Initiate Consultation**

The following parties are entitled to participate in Section 106 reviews: Advisory Council on Historic Preservation; State Historic Preservation Officers (SHPOs); federally recognized Indian tribes/Tribal

Historic Preservation Officers (THPOs); Native Hawaiian Organizations (NHOs); local governments; and project grantees. The general public and individuals and organizations with a demonstrated interest in a project may participate as consulting parties at the discretion of the RE or HUD official. Participation varies with the nature and scope of a project. Refer to HUD's website for guidance on consultation, including the required timeframes for response. Consultation should begin early to enable full consideration of preservation options.

Use the When To Consult With Tribes checklist within Notice CPD-12-006: Process for Tribal Consultation to determine if the RE or HUD should invite tribes to consult on a particular project. Use the Tribal Directory Assessment Tool (TDAT) to identify tribes that may have an interest in the area where the project is located. Note that only HUD or the RE may initiate consultation with Tribes. Partner entities may prepare a draft letter for the RE or HUD to use to initiate consultation with tribes, but may not send the letter themselves.

List all organizations and individuals that you believe may have an interest in the project here: Puerto Rico State Historic Preservation Office

→ Continue to Step 2.

#### **Step 2 - Identify and Evaluate Historic Properties**

Provide a preliminary definition of the Area of Potential Effect (APE), either by entering the address(es) or providing a map depicting the APE. Attach an additional page if necessary.

See Historic Resources Consultation in Attachment C.

Gather information about known historic properties in the APE. Historic buildings, districts and archeological sites may have been identified in local, state, and national surveys and registers, local historic districts, municipal plans, town and county histories, and local history websites. If not already listed on the National Register of Historic Places, identified properties are then evaluated to see if they are eligible for the National Register. Refer to HUD's website for guidance on identifying and evaluating historic properties.

#### In the space below, list historic properties identified and evaluated in the APE.

Every historic property that may be affected by the project should be listed. For each historic property or district, include the National Register status, whether the SHPO has concurred with the finding, and whether information on the site is sensitive. Attach an additional page if necessary.

See Historic Resources Consultation in Attachment C.

Provide the documentation (survey forms, Register nominations, concurrence(s) and/or objection(s), notes, and photos) that justify your National Register Status determination.

#### Was a survey of historic buildings and/or archeological sites done as part of the project?

If the APE contains previously unsurveyed buildings or structures over 50 years old, or there is a likely presence of previously unsurveyed archeological sites, a survey may be necessary. For Archeological surveys, refer to HP Fact Sheet #6, <u>Guidance on Archeological Investigations in HUD Projects</u>.

$\boxtimes$ Yes $\rightarrow$ Provide survey(s) and report(s) and continue to Step 3.
Additional notes:
See Historic Resources Consultation in Attachment C.
$\square$ No $\rightarrow$ Continue to Step 3.
10 7 continue to step 3.

#### Step 3 - Assess Effects of the Project on Historic Properties

Only properties that are listed on or eligible for the National Register of Historic Places receive further consideration under Section 106. Assess the effect(s) of the project by applying the Criteria of Adverse Effect. (36 CFR 800.5) Consider direct and indirect effects as applicable as per HUD guidance.

#### Choose one of the findings below to recommend to the RE or HUD.

Please note: this is a recommendation only. It is **not** the official finding, which will be made by the RE or HUD, but only your suggestion as a Partner entity.

□ <u>No Historic Properties Affected</u>	
Document reason for	finding:
☐ No historic propert	ies present.
☐ Historic properties	present, but project will have no effect upon them.

#### ⋈ No Adverse Effect

#### Document reason for finding and provide any comments below.

Comments may include recommendations for mitigation, monitoring, a plan for unanticipated discoveries, etc.

In compliance with Section 106 of the National Historic Preservation Act (NHPA), the Program reviewed In compliance with Section 106 of the National Historic Preservation Act (NHPA), the Program reviewed and cultural resource surveys within a 0.5 miles radius of the project area to identify historic properties listed in the NRHP and any properties not listed that would be considered eligible for listing that are located within the geographic area of potential effects (APE) of the proposed project and assess the potential effects of its undertakings on these historic properties.

The project area is within the boundaries of the National Register of Historic Places (NRHP)-eligible Traditional Urban Center of Sabana Grande and two blocks south of the Church San Isidro Labrador. Additionally, there are four National Register-listed properties within the Quarter mile buffer zone from the plaza.

The proposed rehabilitation of the Plaza de Recreo project will not disturb either the church or its immediate surroundings (i.e, lateral gardens or access stair). Prior to any action, a protective fence would be established around the church so that demolition and construction work would not affect it. The project area will be monitored by an archaeologist during the process. Section 106 consultation process have been initiated with a preliminary No Adverse Effect determination. The determination and documentation were submitted to SHPO for approval on May 9, 2024. In its response dated June 7, 2024, SHPO indicated that it believes that the proposed undertaking meets the criteria of an adverse effect and that additional consultation is needed. The response stated that the Puerto Rico Department of Housing will need to consult further with the SHPO to develop and evaluate alternatives or modifications to the undertaking that could avoid, minimize or mitigate adverse effects on historic properties, as per 36 CFR § 800.6. On September 9, 2024, revised designs and an archaeology plan were

submitted to SHPO. On September 13, 2024, SHPO acknowledged receipt of the submittal letter, updated design plans and archaeological monitoring plan and stated that the plan is deemed acceptable, and that SHPO concurs with its implementation.

The Project is in compliance with the National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800.

See Attachment C

#### ☐ Adverse Effect

#### **Document reason for finding:**

Copy and paste applicable Criteria into text box with summary and justification.

Criteria of Adverse Effect: 36 CFR 800.5

Click here to enter text.

#### Provide any comments below:

Comments may include recommendations for avoidance, minimization, and/or mitigation. Click here to enter text.

Remember to provide all documentation that justifies your National Register Status determination and recommendations along with this worksheet.

OMB No. 2506-0177 (exp. 9/30/2021)



## $\ \, \text{U.s. Department of housing and urban development} \\$

WASHINGTON, DC 20410-1000

## Noise (CEST Level Reviews) - PARTNER

https://www.hudexchange.info/programs/environmental-review/noise-abatement-and-control

1.	What activities does your project involve? Check all that apply:  ☐ New construction for residential use  NOTE: HUD assistance to new construction projects is generally prohibited if they are located in an Unacceptable zone, and HUD discourages assistance for new construction projects in Normally Unacceptable zones. See 24 CFR 51.101(a)(3) for further details.  → Continue to Question 4.
	<ul> <li>□ Rehabilitation of an existing residential property</li> <li>NOTE: For modernization projects in all noise zones, HUD encourages mitigation to reduce levels to acceptable compliance standards. See 24 CFR 51 Subpart B for further details.</li> <li>→ Continue to Question 2.</li> </ul>
	<ul> <li>None of the above</li> <li>→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.</li> </ul>
2.	Do you have standardized noise attenuation measures that apply to all modernization and/or minor rehabilitation projects, such as the use of double glazed windows or extra insulation?  Yes  Indicate the type of measures that will apply (check all that apply):  Improved building envelope components (better windows and doors, strengthened sheathing, insulation, sealed gaps, etc.)  Redesigned building envelope (more durable or substantial materials, increased air gap, resilient channels, staggered wall studs, etc.)  Other (explain below)  Click here to enter text.  If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below and provide any documentation.
	<ul><li>□ No</li><li>→ Continue to Question 3.</li></ul>
3.	Complete the Preliminary Screening to identify potential noise generators in the vicinity (1000' from a major road, 3000' from a railroad, or 15 miles from an airport).  Describe findings of the Preliminary Screening:

The proposed project doesn't involve any noise sensitive uses. It's located more than 2,000 feet for a mayor roadway (PR-2); more than 17 miles from a civilian airport (Mayagüez) and more than 30 miles from a military airport (Borinquen in Aguadilla).

	→ Continue to Question 6.
4.	Complete the Preliminary Screening to identify potential noise generators in the vicinity (1000' from a major road, 3000' from a railroad, or 15 miles from an airport).  Indicate the findings of the Preliminary Screening below:  ☐ There are no noise generators found within the threshold distances above.  → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map showing the location of the project relative to any noise generators.
	<ul> <li>□ Noise generators were found within the threshold distances.</li> <li>→ Continue to Question 5.</li> </ul>
5.	Complete the Noise Assessment Guidelines to quantify the noise exposure. Indicate the findings of the Noise Assessment below:  ☐ Acceptable: (65 decibels or less; the ceiling may be shifted to 70 decibels in circumstances described in §24 CFR 51.105(a))  Indicate noise level here: Click here to enter text.  → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide noise analysis, including noise level and data used to complete the analysis.
	□ Normally Unacceptable: (Above 65 decibels but not exceeding 75 decibels; the floor may be shifted to 70 decibels in circumstances described in 24 CFR 51.105(a))  Indicate noise level here: Click here to enter text.
	Is the project in a largely undeveloped area¹?  □ No → The project requires completion of an Environmental Assessment (EA) pursuant to 51.104(b)(1)(i).  □ Yes → The project requires completion of an Environmental Impact Statement (EIS) pursuant to 51.104(b)(1)(i).
	→ Work with the RE/HUD to elevate the level of review. Provide noise analysis, including noise level and data used to complete the analysis. Continue to Question 6.
	☐ Unacceptable: (Above 75 decibels)  Indicate noise level here: Click here to enter text.

<sup>&</sup>lt;sup>1</sup> A largely undeveloped area means the area within 2 miles of the project site is less than 50 percent developed with urban uses and does not have water and sewer capacity to serve the project.

The project requires completion of an Environmental Impact Statement (EIS) pursuant to 51.104(b)(1)(i). Work with HUD or the RE to either complete an EIS or obtain a waiver signed by the appropriate authority.

→ Continue to Question 6.

6.	HUD strongly encourages mitigation be used to eliminate adverse noise impacts. Work with the RE/HUD on the development of the mitigation measures that must be implemented to mitigate for the impact or effect, including the timeline for implementation.		
	☐ Mitigation as follows will be implemented:		
	Click here to enter text.		
	→ Provide drawings, specifications, and other materials as needed to describe the project's noise mitigation measures. Continue to the Worksheet Summary.		
	Explain why mitigation will not be made here:		
	Click here to enter text		

#### **Worksheet Summary**

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates

→ Continue to the Worksheet Summary.

- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

#### Include all documentation supporting your findings in your submission to HUD.

The proposed project doesn't involve any noise sensitive uses. It's located more than 2,000 feet for a mayor roadway (PR-2); more than 17 miles from a civilian airport (Mayagüez) and more than 30 miles from a military airport (Borinquen in Aguadilla) s a n B-1 . Therefore, this topic complies with the regulation.



#### U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

WASHINGTON, DC 20410-1000

## Sole Source Aquifers (CEST and EA) - PARTNER

<u>ht</u>	tps://www.hudexchange.info/environmental-review/sole-source-aquifers
1.	Is the project located on a sole source aquifer (SSA)¹?  ⊠No → If the RE/HUD agrees with this recommendation, the review is in compliance with this section Continue to the Worksheet Summary below. Provide documentation used to make your determination, such as a map of your project or jurisdiction in relation to the nearest SSA.
	$\square$ Yes $\rightarrow$ Continue to Question 2.
2.	Does the project consist solely of acquisition, leasing, or rehabilitation of an existing building(s)? $\Box$ Yes $\Rightarrow$ The review is in compliance with this section. Continue to the Worksheet Summary below.
	$\square$ No $\rightarrow$ Continue to Question 3.
3.	Does your region have a memorandum of understanding (MOU) or other working agreement with EPA for HUD projects impacting a sole source aquifer?  Contact your Field or Regional Environmental Officer or visit the HUD webpage at the link above to determine if an MOU or agreement exists in your area.  □Yes → Continue to Question 4.
	$\square$ No $\rightarrow$ Continue to Question 5.
4.	Does your MOU or working agreement exclude your project from further review?  □Yes → If the RE/HUD agrees with this recommendation, the review is in compliance with this section Continue to the Worksheet Summary below. Provide documentation used to make your determination and document where your project fits within the MOU or agreement.
	$\square$ No $\rightarrow$ Continue to Question 5.
5	Will the proposed project contaminate the aquifer and create a significant bazard to public health?

5. Will the proposed project contaminate the aquifer and create a significant hazard to public health? Consult with your Regional EPA Office. Your consultation request should include detailed information about your proposed project and its relationship to the aquifer and associated streamflow source area. EPA will also want to know about water, storm water and waste water at the proposed project. Follow your MOU or working agreement or contact your Regional EPA office for specific information you may need to provide. EPA may request additional information if impacts to the aquifer are questionable after this information is submitted for review.

<sup>&</sup>lt;sup>1</sup> A sole source aquifer is defined as an aquifer that supplies at least 50 percent of the drinking water consumed in the area overlying the aquifer. This includes streamflow source areas, which are upstream areas of losing streams that flow into the recharge area.

- $\square$ No  $\Rightarrow$  If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide your correspondence with the EPA and all documents used to make your determination.
- ☐Yes → The RE/HUD will work with EPA to develop mitigation measures. If mitigation measures are approved, attach correspondence with EPA and include the mitigation measures in your environmental review documents and project contracts. If EPA determines that the project continues to pose a significant risk to the aquifer, federal financial assistance must be denied. Continue to Question 6.

#### **Worksheet Summary**

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

#### Include all documentation supporting your findings in your submission to HUD.

According to EPA NEPAssist, there are no sole source aquifers within a one-mile radius of the project s a n s -1 and B-13. Furthermore, the Island of Puerto Rico has no designated Sole Source Aquifers. Accordingly, the Rehabilitation of the Plaza will not affect any source. Therefore, this topic complies with the regulation.



#### U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

WASHINGTON, DC 20410-1000

## Wetlands (CEST and EA) - Partner

https://www.hudexchange.info/environmental-review/wetlands-protection

1. Does this project involve new construction as defined in Executive Order 11990, expansion of a building's footprint, or ground disturbance? The term "new construction" includes draining, dredging, channelizing, filling, diking, impounding, and related activities and construction of any any structures or facilities.

	⋈ No → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.
	$\square$ Yes $\rightarrow$ Continue to Question 2.
2.	Will the new construction or other ground disturbance impact a wetland as defined in E.O. 11990?
	□ No → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below. Provide a map or any other relevant documentation to explain your determination.
	$\square$ Yes $\rightarrow$ Work with HUD or the RE to assist with the 8-Step Process. Continue to Question 3.
3.	Does Section 55.12 state that the 8-Step Process is not required?
	<ul> <li>□ No, the 8-Step Process applies.</li> <li>This project will require mitigation and may require elevating structure or structures. See the link to the HUD Exchange above for information on HUD's elevation requirements.</li> <li>→ Work with the RE/HUD to assist with the 8-Step Process. Continue to Worksheet Summary.</li> </ul>
	□ 5-Step Process is applicable per 55.12(a).  Provide the applicable citation at 24 CFR 55.12(a) here.  Click here to enter text.  → Work with the RE/HUD to assist with the 5-Step Process. This project may require mitigation or alternations. Continue to Worksheet Summary.
	□ 8-Step Process is inapplicable per 55.12(b).  Provide the applicable citation at 24 CFR 55.12(b) here.  Click here to enter text.  → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to Worksheet Summary.
	□ 8-Step Process is inapplicable per 55.12(c).

Provide the applicable citation at 24 CFR 55.12(c) here.

Click here to enter text.

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to Worksheet Summary.

#### **Worksheet Summary**

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

#### Include all documentation supporting your findings in your submission to HUD.

All work will be performed in the footprint of the existing Plaza and will not affect any water bodies or wetlands. This information was obtained from the revision of the Wetland Inventory Maps prepared by the U.S. Department of Interior, US Fish & Wildlife Service (FWS) and microfilmed by the United States Geological Survey (USGS) and confirmed on the site visits. Therefore, this topic complies with the regulation. Refer to Attachment B-14



## U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT WASHINGTON, DC 20410-1000

#### Wild and Scenic Rivers (CEST and EA) – PARTNER

https://www.hudexchange.info/environmental-review/wild-and-scenic-rivers

l.	Is your project within proximity of a Wild and Scenic River, Study River, or Nationwide Rivers Inventory River?  ☑ No → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Provide documentation used to make your determination.
2.	<ul> <li>□ Yes → Continue to Question 2.</li> <li>Could the project do any of the following?</li> <li>■ Have a direct and adverse effect within Wild and Scenic River Boundaries,</li> <li>■ Invade the area or unreasonably diminish the river outside Wild and Scenic River Boundaries or</li> <li>■ Have an adverse effect on the natural, cultural, and/or recreational values of a NRI segment.</li> </ul>

Consult with the appropriate federal/state/local/tribal Managing Agency(s), pursuant to Section 7 of the Act, to determine if the proposed project may have an adverse effect on a Wild & Scenic River or a Study River and, if so, to determine the appropriate avoidance or mitigation measures.

#### Select one:

- ☐ The Managing Agency has concurred that the proposed project will not alter, directly, or indirectly, any of the characteristics that qualifies or potentially qualifies the river for inclusion in the NWSRS.
- → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Provide documentation of the consultation (including the Managing Agency's concurrence) and any other documentation used to make your determination.
- ☐ The Managing Agency was consulted and the proposed project may alter, directly, or indirectly, any of the characteristics that qualifies or potentially qualifies the river for inclusion in the NWSRS.
- → The RE/HUD must work with the Managing Agency to identify mitigation measures to mitigate the impact or effect of the project on the river.

#### **Worksheet Summary**

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

#### Include all documentation supporting your findings in your submission to HUD.

The project site activities do not impact any of the three river segments in Puerto Rico designated as wild and scenic by the USFW National Wild and Scenic Rivers System. All these are located inside the El Yunque National Forest in the Municipality of Río Grande, which is approximately 74 miles to the North-East of the project area. Rio Icacos and Rio de la Mina are approximately 438,000 feet and Rio Mameyes is approximately 435,000 feet both North-East of the project area. Rio Mameyes, at its origin has two segments.

The closest river to the site project is the Río Grande which is 642 meters to the east, and is not in this category. Therefore, this topic complies with the regulation. Refer to Attachment - and B-15



#### **PUERTO RICO**

Puerto Rico has approximately 5,385 miles of river, of which 8.9 miles of three rivers are designated as wild & scenic—less than 2/10ths of 1% of the commonwealth's river miles.



+ View larger map







Dark and foreboding one minute, sun-drenched and exploding with color the next, tropical rivers span every mood.



NATIONWIDE RIVERS INVENTORY

CONTACT US

PRIVACY NOTICE Q & A SEARCH ENGINE

SITE MAP

flickr

Rio de la Mina **Rio Icacos Rio Mameyes** 

10/26/22, 11:22 AM Puerto Rico

Designated Rivers	National System	River Management	Resources
About WSR Act	WSR Table	Council	Q & A Search
State Listings	Study Rivers	Agencies	Bibliography
Profile Pages	Stewardship	Management Plans	Publications
	WSR Legislation	River Mgt. Society	GIS Mapping
		GIS Mapping	Logo & Sign Standards



#### RIO DE LA MINA RIVER, PUERTO RICO





#### **Managing Agency:**

U.S. Forest Service, Caribbean National Forest

#### **Designated Reach:**

December 19, 2002. From its headwaters to its confluence with the Rio Mameyes.

#### Classification/Mileage:

Scenic — 1.2 miles; Recreational — 0.9 miles; Total — 2.1 miles.



#### **RELATED LINKS**

Wild & Scenic Rivers of Puerto Rico (U.S. Forest Service)

Rio de la Mina Management Plan (2.5 MB PDF)

Rio de la Mina Management Plan Environmental Assessment (2.0 MB PDF)





Dark and foreboding one minute, sun-drenched and exploding with color the next, tropical rivers span every mood.



Rio de la Mina Management Plan (454 KB PDF)

Photo Credit: Raul Garcia

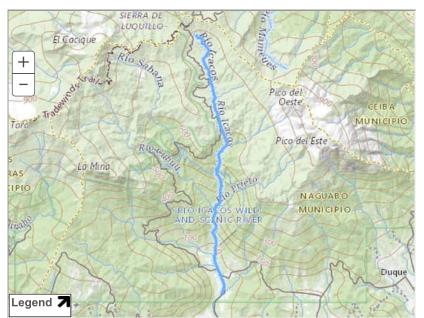
#### Rio de la Mina

The Rio de la Mina, from its headwaters elevation at 2,408 feet (734 meters) to the confluence with the Rio Mameyes at 820 feet (250 meters), is strewn with boulders of various sizes, forming many rapids, waterfalls and frequent pools. La Mina Falls is located at the midway point of the stream at elevation 1,640 (500 meters) and is located where La Mina Trail and Big Tree Trail connect. The Rio de la Mina is part of the Mameyes Watershed; the Rio de la Mina subwatershed covers an area of 2.7 square miles which equals 6.1% of the forest. The river provides habitat for shrimp, and Puerto Rican parrots can be glimpsed at times feeding on palm fruit along the river.

NATIONWIDE RIVERS INVENTORY CONTACT US PRIVACY NOTICE Q & A SEARCH ENGINE SITE MAP							
flickr							
Designated Rivers	National System	River Management	Resources				
About WSR Act	WSR Table	Council	Q & A Search				
State Listings	Study Rivers	Agencies	Bibliography				
Profile Pages	Stewardship	Management Plans	Publications				
3	WSR Legislation	River Mgt. Society	GIS Mapping				
	G	GIS Mapping	Logo & Sign Standards				



#### **RIO ICACOS, PUERTO RICO**





span every mood.

Choose A State ✔ Go

Choose A River ✓ Go

**EXPLORE DESIGNATED RIVERS** 

+ View larger map

#### **Managing Agency:**

U.S. Forest Service, Caribbean National Forest

#### **Designated Reach:**

December 19, 2002. From its headwaters to the boundary of the Caribbean National Forest.

#### Classification/Mileage:

Scenic — 2.3 miles; Total — 2.3 miles.





#### **RELATED LINKS**

Wild & Scenic Rivers of Puerto Rico (U.S. Forest Service)

Rio Icacos Management Plan (2.5 MB PDF)

Rio Icacos Management Plan Environmental Assessment (2.0 MB PDF)

Rio Icacos Management Plan (454 KB PDF)

Photo Credit: Tim Palmer

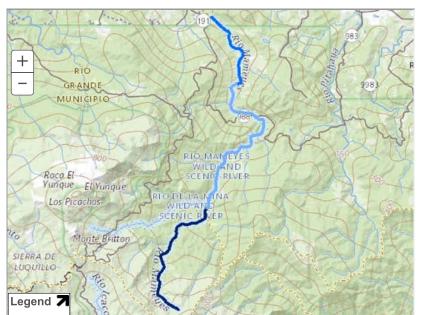
#### **Rio Icacos**

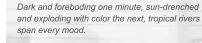
The Rio Icacos has some of the most varied terrain of any of the forest rivers. The stream gradient is less steep near its headwaters elevation at 2,158 feet (658 meters) than farther downstream in contrast to all rivers on the forest. The stream exhibits a unique sandy bed due to its upper flatter sections. Contrasting sharply is the downstream segment, which more closely resembles other rivers in the forest with huge jumbled boulders, rapids and steep gradients.

PRIVACY NOTICE Q & A SEARCH ENGINE NATIONWIDE RIVERS INVENTORY CONTACT US SITE MAP flickr **Designated Rivers National System River Management** Resources About WSR Act WSR Table Council Q & A Search State Listings Study Rivers Agencies Bibliography Profile Pages Stewardship Management Plans **Publications** WSR Legislation River Mgt. Society **GIS Mapping GIS Mapping** Logo & Sign Standards



#### **RIO MAMEYES, PUERTO RICO**





15505655555555554666555555

**EXPLORE DESIGNATED RIVERS** 

Choose A State ✔ Go

Choose A River ✓ Go

#### + View larger map

#### **Managing Agency:**

U.S. Forest Service, Caribbean National Forest

#### **Designated Reach:**

December 19, 2002. From its headwaters in the Ban.AE6o de Oro Research Natural Area to the boundary of the Caribbean National Forest.

#### Classification/Mileage:

Wild — 2.1 miles; Scenic — 1.4 miles; Recreational — 1.0 miles; Total — 4.5 miles.





#### **RELATED LINKS**

Wild & Scenic Rivers of Puerto Rico (U.S. Forest Service)

Rio Mameyes Management Plan (2.5 MB PDF)

Rio Mameyes Management Plan Environmental Assessment (2.0 MB PDF)

Rio Mameyes Management Plan (454 KB PDF)

Photo Credit: Tim Palmer

#### **Rio Mameyes**

The Rio Mameyes flows in a northerly direction and has outstanding scenic, biological, recreation and historic values. The Rio Mameyes watershed covers 6.88-square miles within the El Yunque National Forest, or 10.4% of the forest. Water quality is optimum within the upper segment, since the entire corridor is located in the Bano de Oro Natural Area and no development exist. Due to steep slopes, no significant flood plains occur. There are approximately 73 acres of riparian wetlands in the designated segments.

PRIVACY NOTICE Q & A SEARCH ENGINE NATIONWIDE RIVERS INVENTORY CONTACT US SITE MAP flickr **Designated Rivers National System River Management** Resources About WSR Act WSR Table Council Q & A Search State Listings Bibliography Study Rivers Agencies Profile Pages Stewardship Management Plans **Publications** WSR Legislation River Mgt. Society **GIS Mapping GIS Mapping** Logo & Sign Standards

#### PLAZA DE RECREO, SABANA GRANDE



February 1, 2023

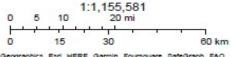
Wild and Scenic Rivers

Applicant ID: PR-CRP-000742

Project Coordinates:

18.07946027, -66.95999815

Address: PR-364 Intersection Betances Street Sabana Grande, PR 00627



Earthstar Geographics, Esri, HERE, Garmin, Foursquare, SafeGraph, FAO, METINASA, USGS, NPS

WILD AND SCENIC RIVERS
PLAZA DE RECREO
PR-364 INTERSECTION BETANCES STREET
SABANA GRANDE, PUERTO RICO

**EPA NEPAssist** 

X: 144248.82077; Y: 227321.647

Lat: 18.07946027; Lon: -66.95999815

Not to Scale



## U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT WASHINGTON, DC 20410-1000

#### **Environmental Justice (CEST and EA) – PARTNER**

https://www.hudexchange.info/environmental-review/environmental-justice

HUD strongly encourages starting the Environmental Justice analysis only after all other laws and authorities, including Environmental Assessment factors if necessary, have been completed.

- 1. Were any adverse environmental impacts identified in any other compliance review portion of this project's total environmental review?
  - $\Box$ Yes  $\rightarrow$  Continue to Question 2.
  - No → If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.
- 2. Were these adverse environmental impacts disproportionately high for low-income and/or minority communities?

□Yes

#### **Explain:**

Click here to enter text.

→ The RE/HUD must work with the affected low-income or minority community to decide what mitigation actions, if any, will be taken. Provide any supporting documentation.

□No

#### **Explain:**

Click here to enter text.

→ If the RE/HUD agrees with this recommendation, the review is in compliance with this section. Continue to the Worksheet Summary below.

#### **Worksheet Summary**

Provide a full description of your determination and a synopsis of the information that it was based on, such as:

- Map panel numbers and dates
- Names of all consulted parties and relevant consultation dates
- Names of plans or reports and relevant page numbers
- Any additional requirements specific to your program or region

#### Include all documentation supporting your findings in your submission to HUD.

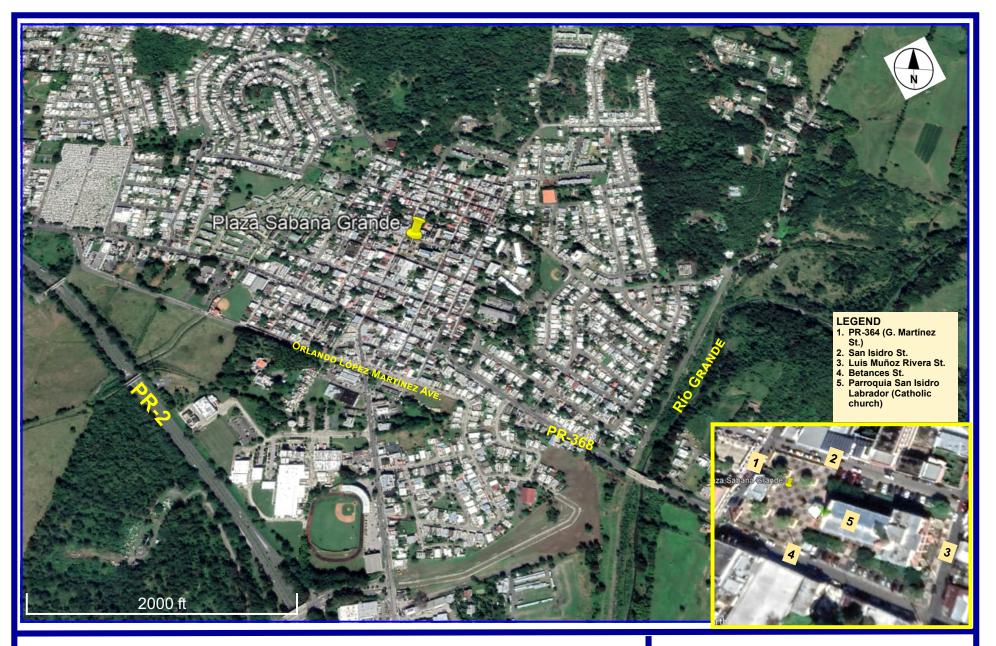
Project site activities do not have disproportionately high and adverse human health or environmental effects on minority and low-income population, or on the surrounding populations or environment. On the contrary, the achievement of this project will be for the enjoyment of all the residents of the Municipality and its visitors to the extent that activities are carried out there, thus resulting in a positive impact. Therefore, this topic complies with the regulation.

# Environmental Review for Activity/Project that is Categorically Excluded Subject to Section 58.5 Pursuant to 24 CFR 58.35(a)

Municipio de Sabana Grande Plaza de Recreo PR-CRP-000742

#### **ATTACHMENT B: LIST OF FIGURES**

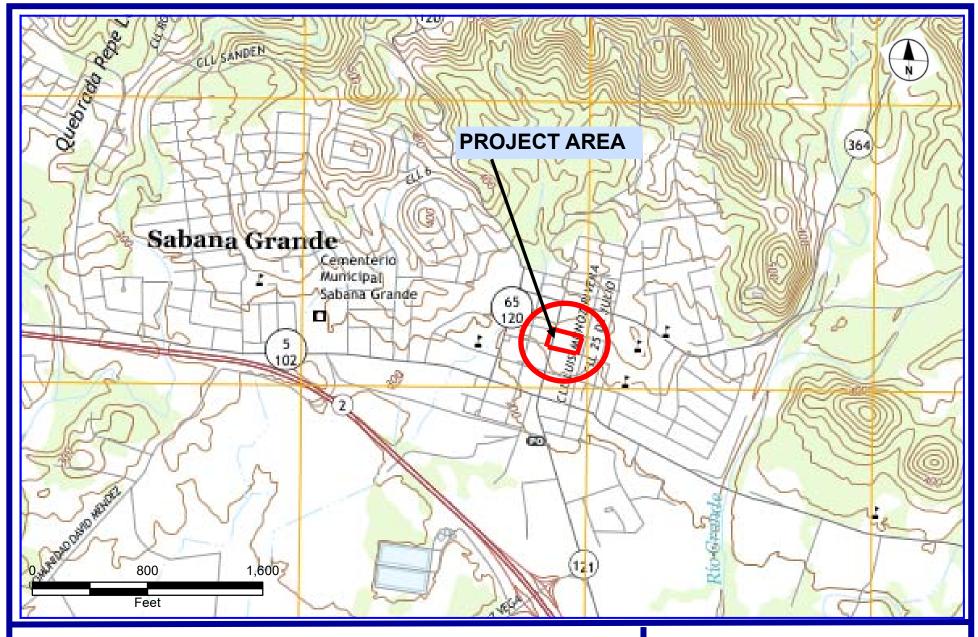
- B-1. PROJECT SITE MAP -AERIAL PHOTO
- B-2. PROJECT SITE MAP USGS TOPOGRAPHIC QUADRANGLE MAP
- B-3. DEMOLITION PLANS
- B-4. CONCEPTUAL PLANS
- B-5. AIRPORTS HAZARDS MAP
- B-6. COASTAL BARRIER RESOURCES MAP
- B-7. NATIONAL FLOOD HAZARD LAYER FIRMETTE
- B-8. COASTAL ZONE MAP
- B-9. CONTAMINATION AND TOXIC SUBSTANCES MAP
- B-10. FARMLAND CLASSIFICATION MAP
- B-11. ABFE FLOODPLAIN MAP
- B-12. NOISE ABATEMENT MAP
- B-13. SOLE SOURCE AQUIFERS MAP
- B-14. WETLAND MAP
- B-15. WILD AND SCENIC RIVERS MAP



**B-1. PROJECT SITE MAP - AERIAL PHOTO** 

PLAZA DE RECREO
PR-364 INTERSECTION BETANCES STREET SABANA
GRANDE, PUERTO RICO

Google Earth Pro/ December, 2021 **Lat**: 18.07946027; **Lon**: -66.95999815 **X**: 144248.82077; **Y**: 227321.6477



B-2. PROJECT SITE MAP - TOPOGRAPHIC MAP
PLAZA DE RECREO
PR-364 INTERSECTION BETANCES STREET SABANA GRANDE,
PUERTO RICO

US Geological Survey

Sabana Grande Quadrangle, Puerto Rico (7.5-Minute Series), 2018

Lat: 18.07946027; Lon: -66.95999815 X: 144248.82077; Y: 227321.6477

# B-3. DEMOLITIONPLAN

# PLAZA PUBLICA JOSE A. BUSIGO SABANA GRANDE

BETANCES STREET, PUEBLO WARD, SABANA GRANDE, PUERTO RICO

## **INDEX**

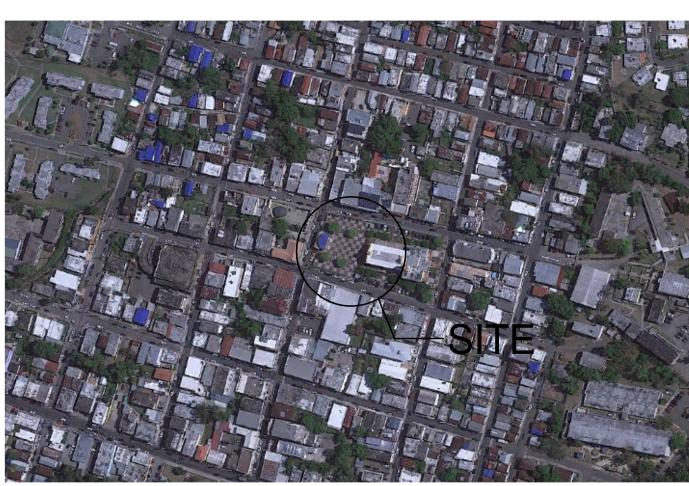
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PROPOSED SITE PLAN ALTERNATIVE A SI201 A SECTIONS ALTERNATIVE A SI301 A CONCEPTUAL 3D VIEWS ALTERNATIVE A SI101 B PROPOSED SITE PLAN ALTERNATIVE B PROPOSED SITE PLAN ALTERNATIVE B

SI201 B SECTIONS ALTERNATIVE B SI301 B CONCEPTUAL 3D VIEWS ALTERNATIVE B

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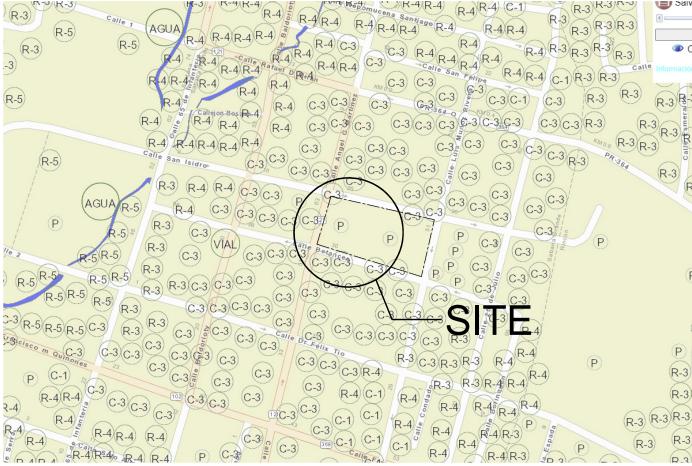
CONCEPTUAL 3D VIEWS ALTERNATIVE C SI301 C



Nad83 Coordinates X: 144248.8207, Y: 227321.6477 (Lat: 18.07946027, Lon: -66.95999815)



Zone x: Areas determined to be outside the 0.2% annual chance floodplain. revised map 11/18/ 2009



Zonning Map









**ENGINEERING STAMP:** 

NO. DWG:

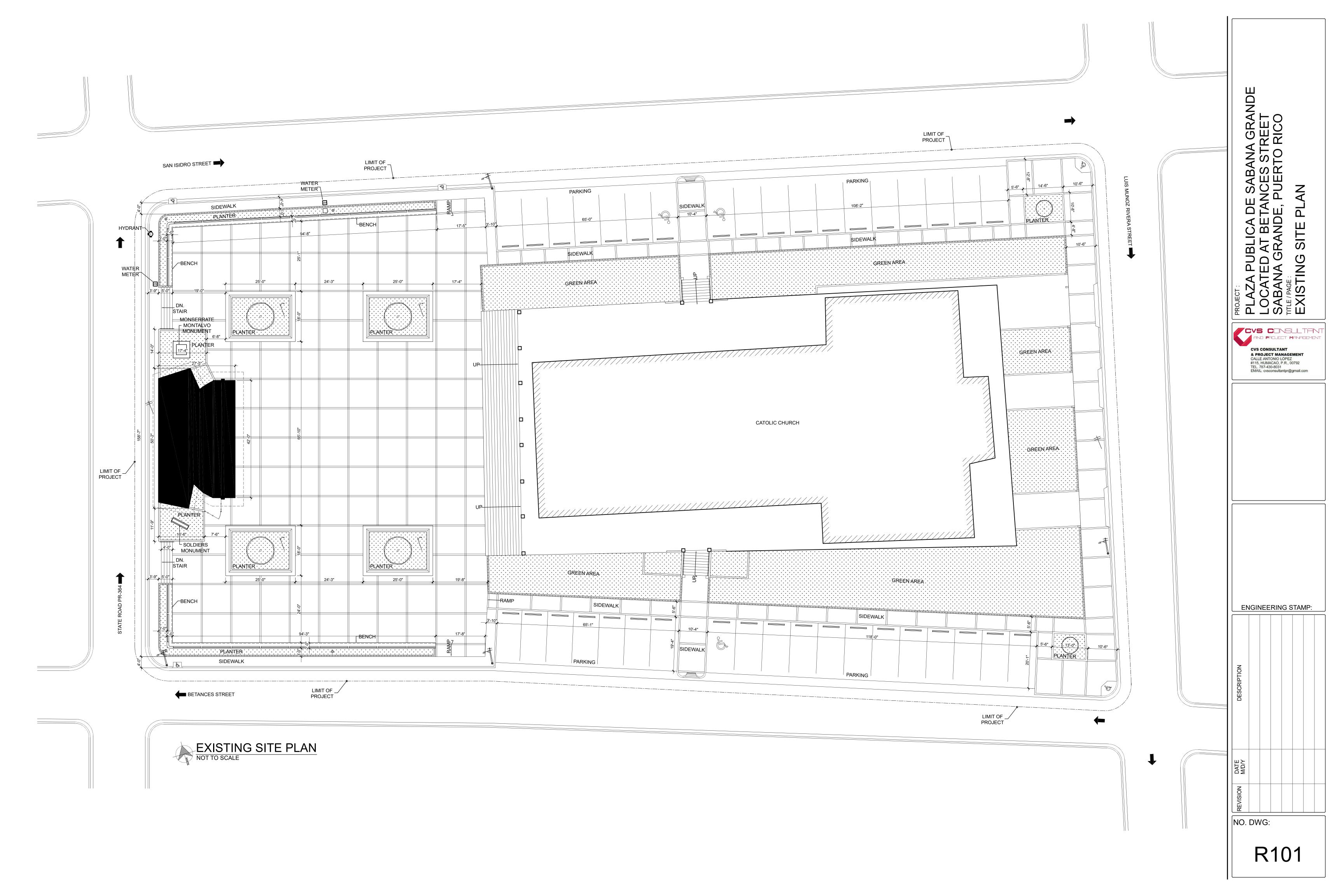
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CVS CONSULTAN

CVS CONSULTANT & PROJECT MANAGEMENT

CALLE ANTONIO LÓPEZ #115, HUMACAO, P.R., 00792

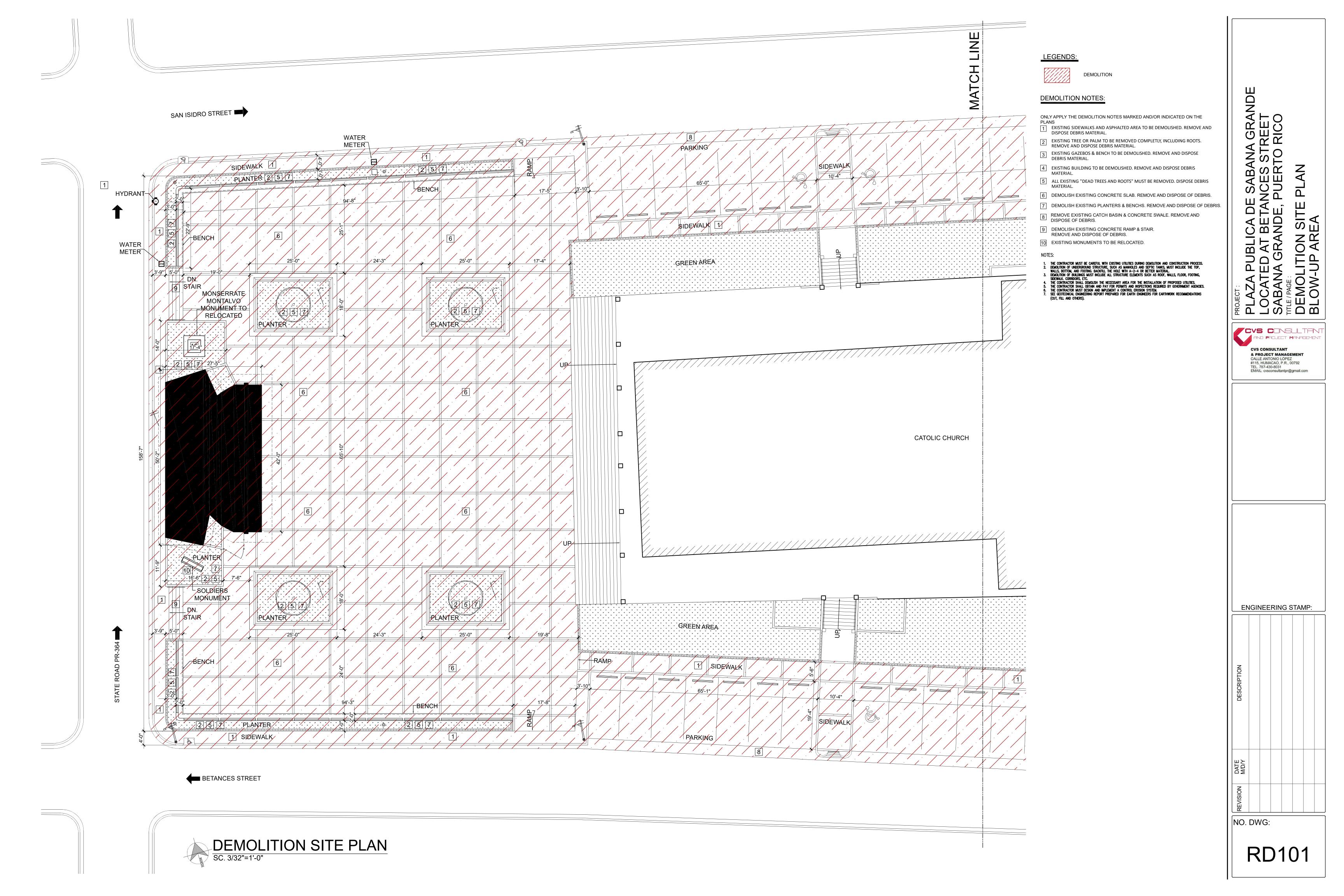
TEL. 787-430-8031 EMAIL: cvsconsultantpr@gmail.com

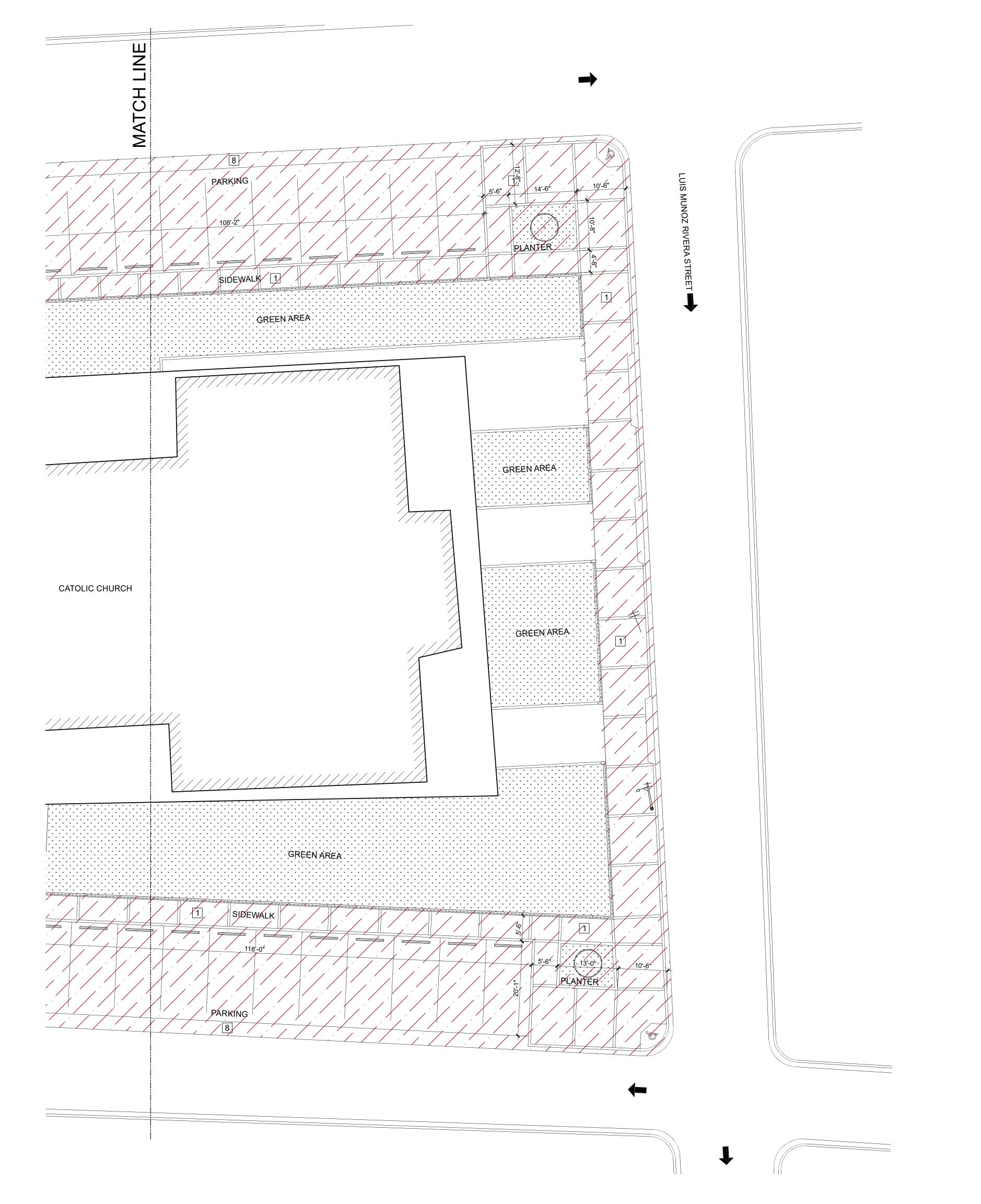


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LOCATED AT BETANCES STREET
SABANA GRANDE, PUERTO RICO
TITLE/PAGE:
SURVEY PLAN CVS CONSULTANT CVS CONSULTANT
8. PROJECT MANAGEMENT
CALLE ANTONIO LÓPEZ
#115, HUMACAO, P.R., 00792
TEL. 787-430-8031
EMAIL: cvsconsultantpr@gmail.com ENGINEERING STAMP:

NO. DWG:





#### LEGENDS:



DEMOLITION

### **DEMOLITION NOTES:**

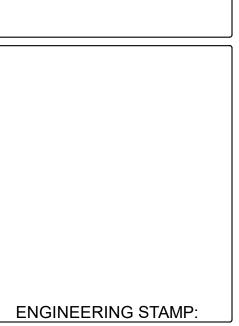
ONLY APPLY THE DEMOLITION NOTES MARKED AND/OR INDICATED ON THE

- EXISTING SIDEWALKS AND ASPHALTED AREA TO BE DEMOLISHED. REMOVE AND DISPOSE DEBRIS MATERIAL.
- 2 EXISTING TREE OR PALM TO BE REMOVED COMPLETLY, INCLUDING ROOTS. REMOVE AND DISPOSE DEBRIS MATERIAL.
- 3 EXISTING GAZEBOS & BENCH TO BE DEMOLISHED. REMOVE AND DISPOSE DEBRIS MATERIAL.
- 4 EXISTING BUILDING TO BE DEMOLISHED. REMOVE AND DISPOSE DEBRIS MATERIAL.
- 5 ALL EXISTING "DEAD TREES AND ROOTS" MUST BE REMOVED. DISPOSE DEBRIS MATERIAL.
- 6 DEMOLISH EXISTING CONCRETE SLAB. REMOVE AND DISPOSE OF DEBRIS.
- 7 DEMOLISH EXISTING PLANTERS & BENCHS. REMOVE AND DISPOSE OF DEBRIS.
- 8 REMOVE EXISTING CATCH BASIN & CONCRETE SWALE. REMOVE AND DISPOSE OF DEBRIS.
- 9 DEMOLISH EXISTING CONCRETE RAMP & STAIR. REMOVE AND DISPOSE OF DEBRIS.
- 10 EXISTING MONUMENTS TO BE RELOCATED.

- THE CONTRACTOR MUST BE CAREFUL WITH EXISTING UTILITIES DURING DEMOLITION AND CONSTRUCTION PROCESS.
   DEMOLITION OF UNDERGROUND STRUCTURE, SUCH AS MANHOLES AND SEPTIC TANKS, MUST INCLUDE THE TOP, WALLS, BOTTOM, AND FOOTING, BACKFILL THE HOLE WITH A-2-4 OR BETTER MATERIAL.
   DEMOLITION OF BUILDINGS MUST INCLUDE ALL STRUCTURE ELEMENTS SUCH AS ROOF, WALLS, FLOOR, FOOTING, SIDEWALK, CORRIDORS, ETC.
   THE CONTRACTOR SHALL DEMOLISH THE NECESSARY AREA FOR THE INSTALLATION OF PROPOSED UTILITIES.
   THE CONTRACTOR SHALL DEMOLISH AND PAY FOR PERMITS AND INSPECTIONS REQUIRED BY GOVERNMENT AGENCIES.
   THE CONTRACTOR MUST DESIGN AND IMPLEMENT A CONTROL EROSION SYSTEM.
   SEE GEOTECNICAL ENGINEERING REPORT PREPARED FOR EARTH ENGINEERS FOR EARTHWORK RECOMMENDATIONS (CUT, FILL AND OTHERS).



CVS CONSULTANT **CVS CONSULTANT** & PROJECT MANAGEMENT
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NO. DWG:

RD102

# B-4. CONCEPTUAL PLAN

# PLAZA PUBLICA JOSE A. BUSIGO SABANA GRANDE

BETANCES STREET, PUEBLO WARD, SABANA GRANDE, PUERTO RICO

**INDEX** 

TITLE

TITLE SHEET

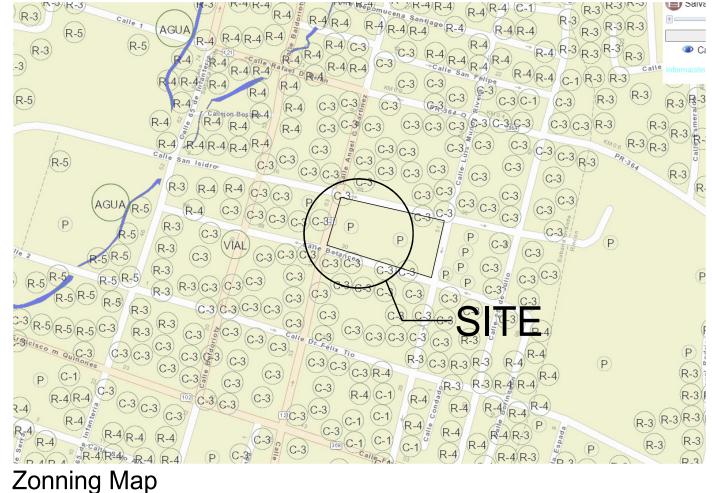
CIVIL

SURVEY PLAN



Flood Map No. Sheet: 72000C1580J Zone x: Areas determined to be outside the 0.2% annual chance floodplain.

revised map 11/18/ 2009







Puerto Rico Map

Emblem Sabana Grande



AND PROJECT MANAGEMENT

**CVS CONSULTANT** & PROJECT MANAGEMENT

TEL. 787-430-8031 EMAIL: cvsconsultantpr@gmail.com

ENGINEERING STAMP:

NO. DWG:

G00

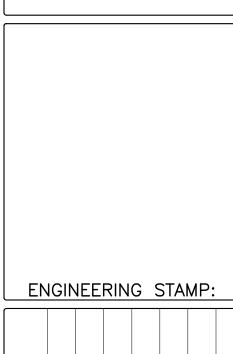


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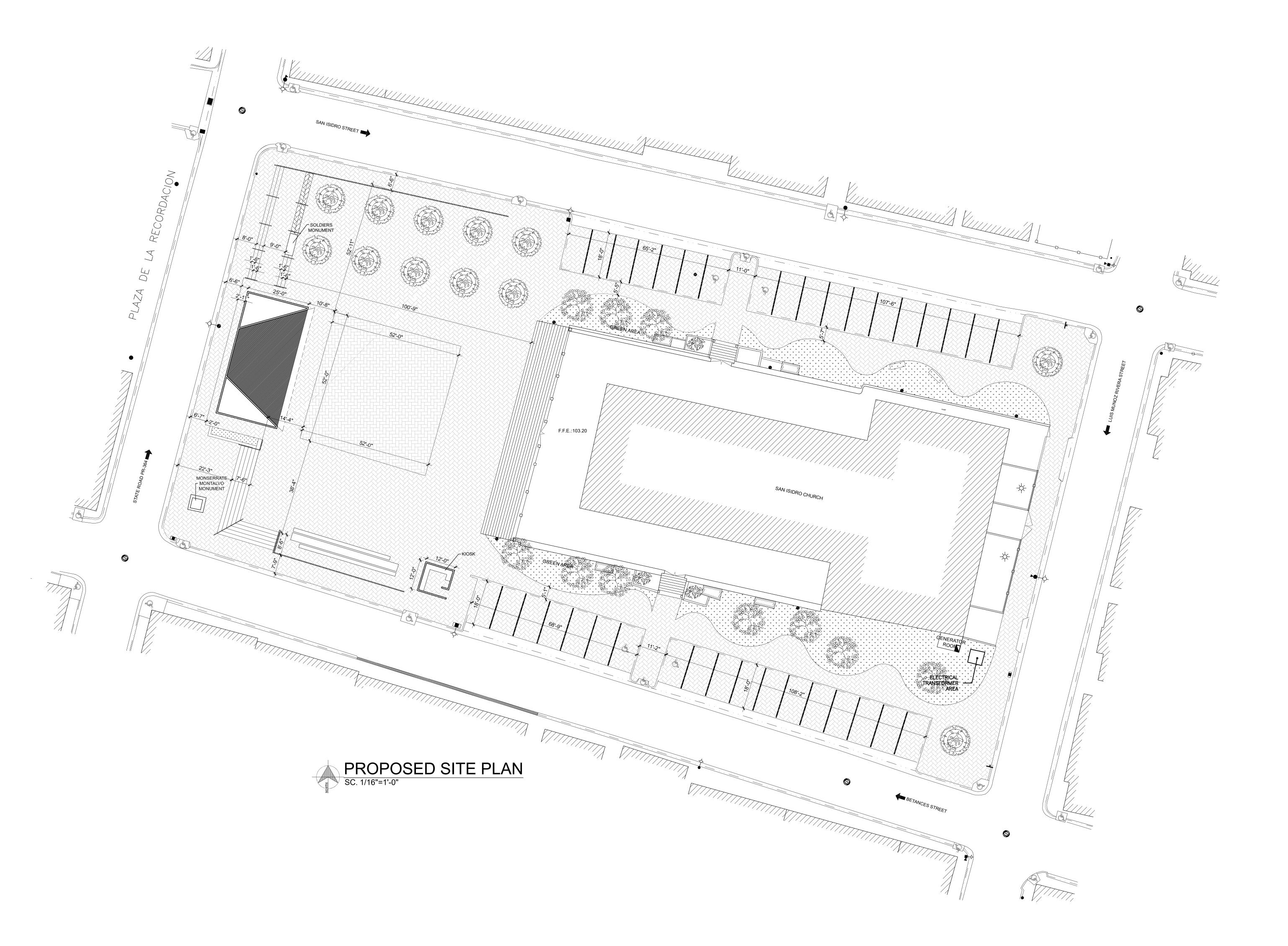
CVS CONSULTAN **CVS CONSULTANT** & PROJECT MANAGEMENT CALLE ANTONIO LÓPEZ #115, HUMACAO, P.R., 00792 TEL. 787-430-8031 EMAIL: cvsconsultantpr@gmail.com



NO. DWG:

- 1. ALL DISTANCES AND ELEVATIONS ARI
- FIELDWORK PERFORMED ON SEPTEMBER 02, 2022.
- 3. THIS MAP IS REFEREED TO STATE PLANE COORDINATE SYSTEM (LAMBERT) NAD 83 NA 2011 (EPOCH 2010) AND THE ELEVATION TO PRVO2. TO REFERENCE WE USE THE COORS NETWORK FROM THE COMPANY VRS SYSTEM PR INC.
- 5. THE INFORMATION PROVIDED ON THIS MAP, MAY OR MAY NOT SHOW ALL CURRENTLY EXISTING STRUCTURES, PROPERTIES AND UTILITIES ABOVE OR BELOW THE GROUND AS REVEALED BY OBSERVABLE EVIDENSE OVER GROUND INSPECTION.
- 6. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULT OF THE SURVEY MADE ON THE DATE INDICATED AND CAN ONLY BE CONSIDERED AS AN INDICATION OF THE GENERAL CONDITIONS EXISTING AT THAT TIME.
- 7. CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND MEASUREMENTS AND ADVISE ARCHITECT, ENGINEERS AND OWNER OF ANY DIFFERENCES.
- S.U.E. WAS NOT PERFORMED.

- 9. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING STORM SEWER, SANITARY PIPES AND ALL UNDERGROUND UTILITIES PERFORMING S.U.E. PRIOR TO CONSTRUCTION.
- 10. UNDERGROUND UTILITIES ARE BASED ON ABOVE GROUND EVIDENCE. THIS DRAWING NEITHER DEPICTS OR INTENDS TO DEPICT ALL UNDERGROUND UTILITIES. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR ANY WORK.
- II. THE EQUIPMENT USED WAS A TRIMBLE RIO GNSS GPS & NIKON TOTAL STATION.
- 11. ALL ILLUSTRATED SYMBOLS (UTILITIES IN GENERAL, TRAFFIC, ETC) ARE ONLY FOR ILLUSTRATION PURPOSES. THEY ARE NOT NECESSARY AS BIG AS THE SYMBOLS ARE.

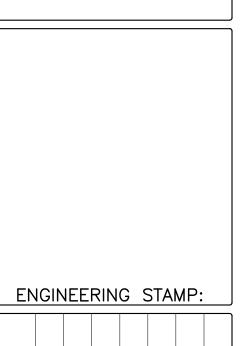


PROJECT:
PLAZA PUBLICA DE SABANA GRANDE
LOCATED AT BETANCES STREET
SABANA GRANDE, PUERTO RICO
TITLE / PAGE:
PROPOSED SITE PLAN

CVS CONSULTANT

& PROJECT MANAGEMENT

CALLE ANTONIO LÓPEZ
#115, HUMACAO, P.R., 00792
TEL. 787-430-8031
EMAIL: cvsconsultantpr@gmail.com



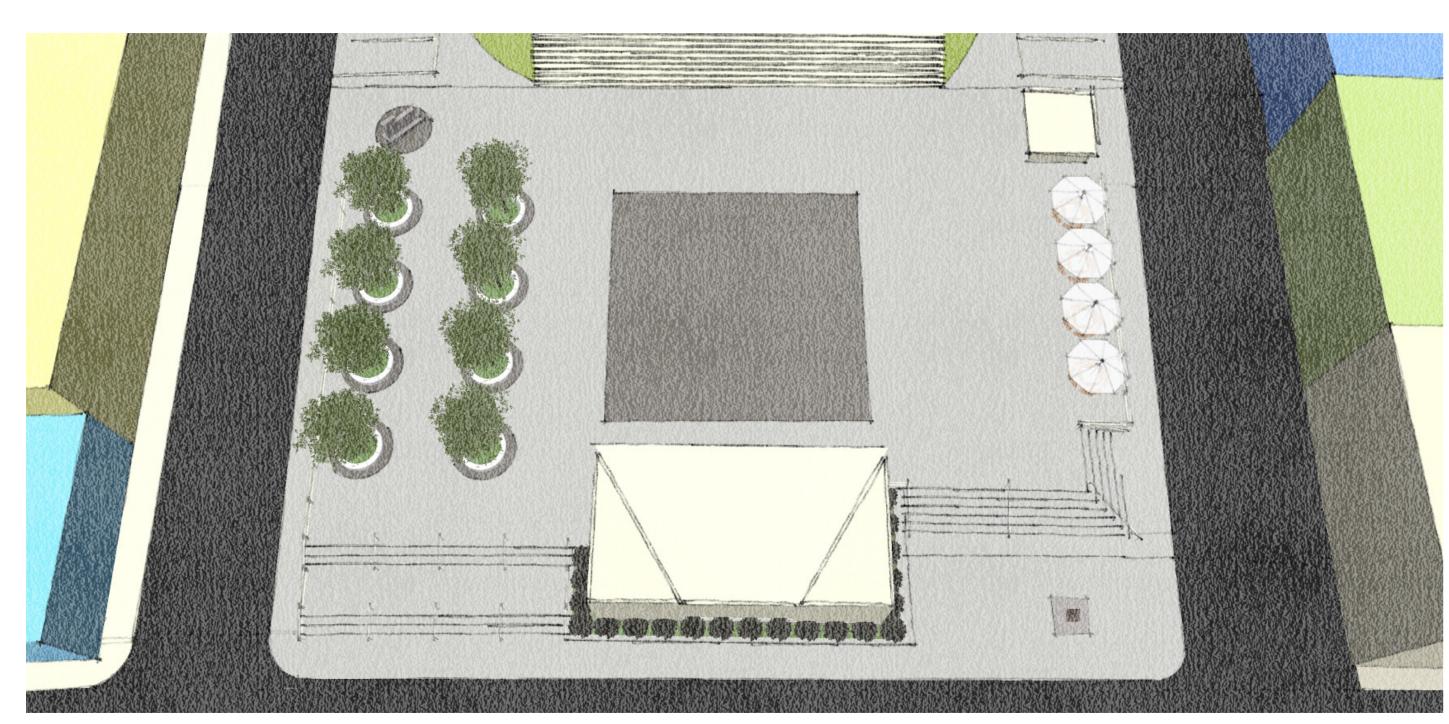


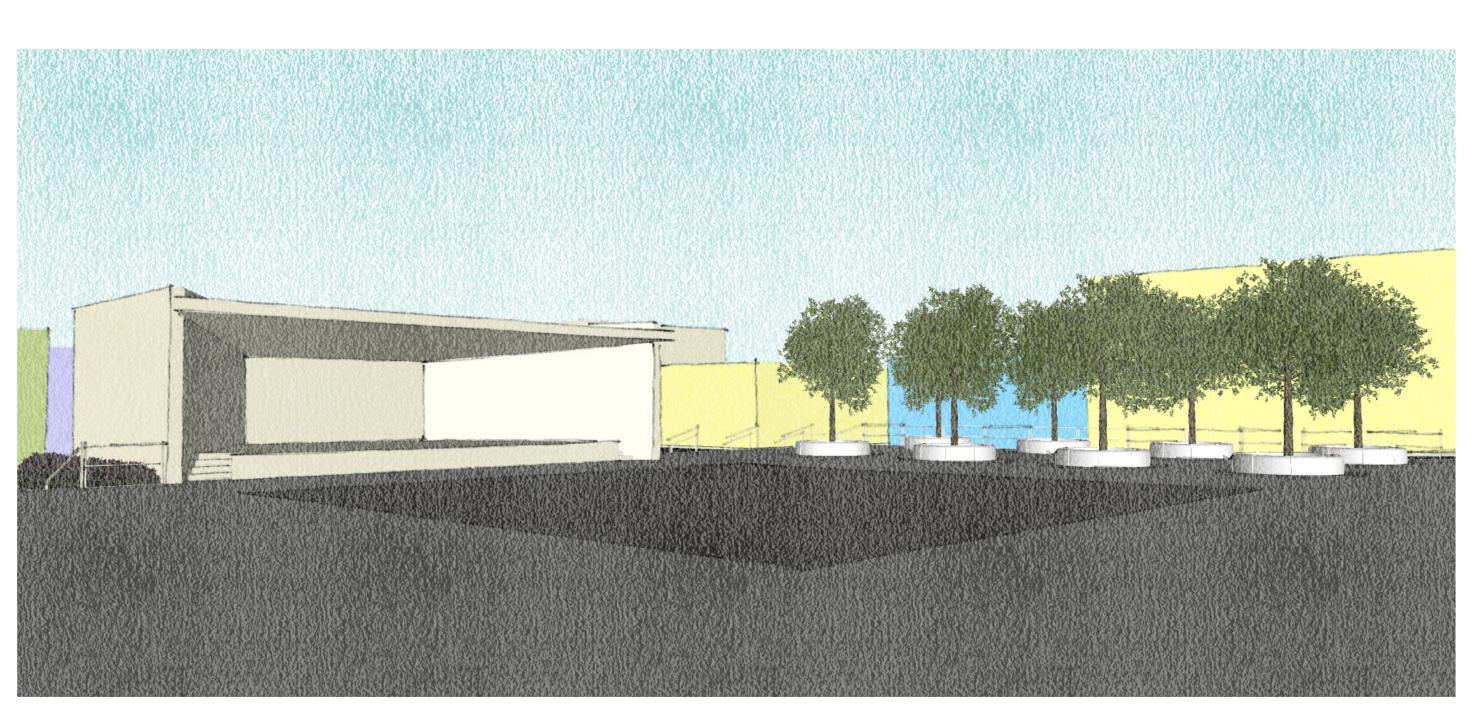
SI101 A











PLAZA PUBLICA DE SABANA GRANDE
LOCATED AT BETANCES STREET
SABANA GRANDE, PUERTO RICO
TITLE/PAGE:
CONCEPTUAL 3D VIEWS

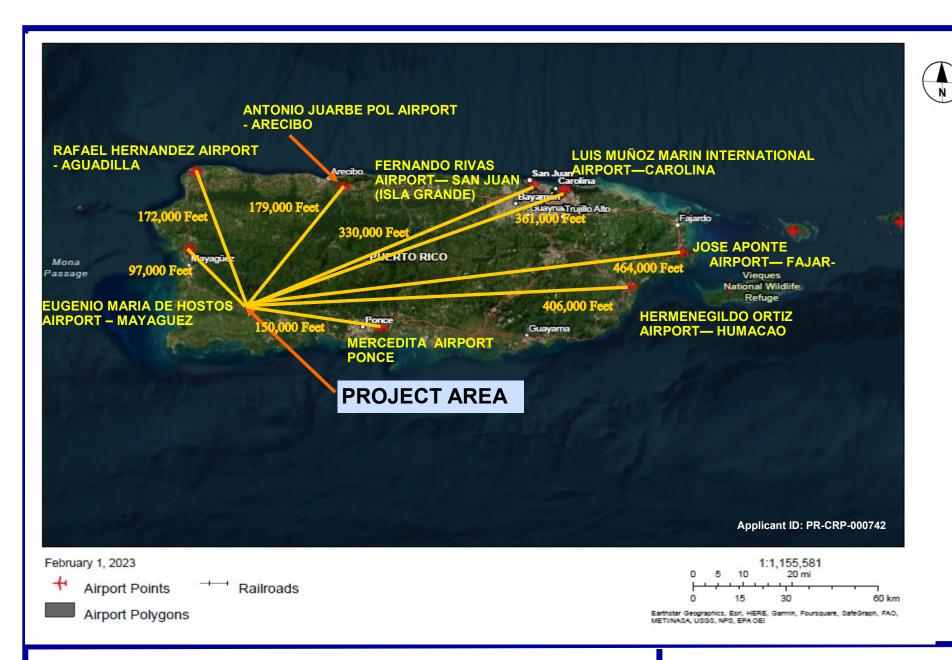
CVS CONSULTANT

& PROJECT MANAGEMENT

CALLE ANTONIO LÓPEZ
#115, HUMACAO, P.R., 00792
TEL. 787-430-8031
EMAIL: cvsconsultantpr@gmail.com

ENGINEERING STAMP:

SI201 A



B-5. AIRPORT HAZARDS
PLAZA DE RECREO
PR-364 INTERSECTION BETANCES STREET
SABANA GRANDE, PUERTO RICO

**EPA NEPAssist** 

X: 144248.82077; Y: 227321.6477 Lat: 18.07946027; Lon: -66.95999815



### U.S. Fish and Wildlife Service **Coastal Barrier Resources System**

#### Plaza de Recreo



October 24, 2022

#### **B-6. CBRS Units**

Otherwise Protected Area

System Unit

This map is for general reference only. The Coastal Barrier Resources System (CBRS) boundaries depicted on this map are representations of the controlling CBRS boundaries, which are shown on the official maps, accessible at https://www.fws.gov/library/collections/official-coastalbarrier-resources-system-maps. All CBRS related data should be used in accordance with the layer metadata found on the CBRS Mapper website.

The CBRS Buffer Zone represents the area immediately adjacent to the CBRS boundary where users are advised to contact the Service for an official determination (https://www.fws.gov/service/coastal-barrier-resources-system-property-documentation) as to whether the property or project site is located "in" or "out" of the CBRS.

CBRS Units normally extend seaward out to the 20- or 30-foot bathymetric contour (depending on the location of the unit). The true seaward

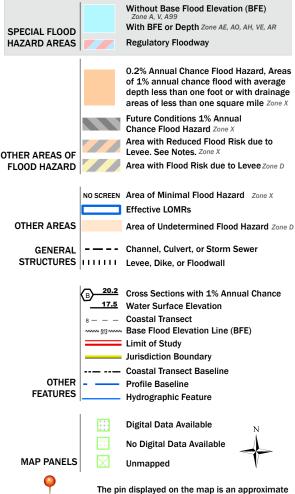
## National Flood Hazard Layer FIRMette **B-7.**





#### Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT



This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

point selected by the user and does not represent

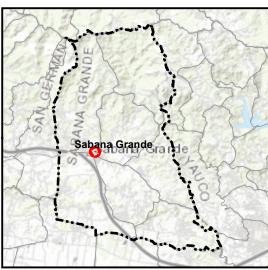
an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/13/2024 at 7:42 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.





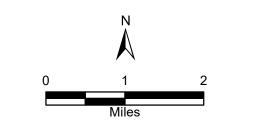


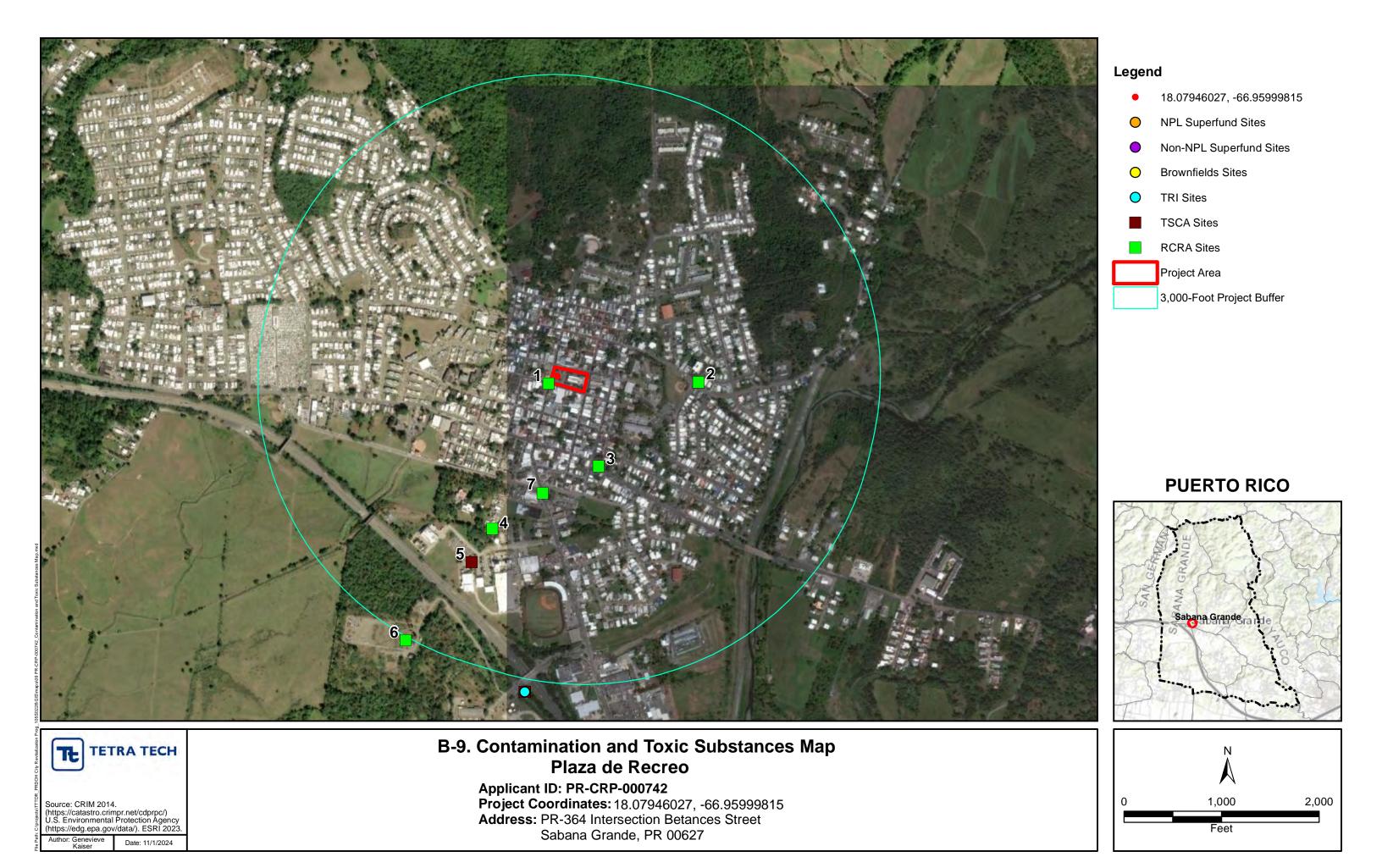


Source: CRIM 2014 (https://catastro.crimpr.net/cdprpc/). Puerto Rico Department of Natural and Environmental Resources 2010 (https://www.arcgis.com/home/item.html?id= 1d0eff6661f340dcabb0e9928d01ec57). ESRI 2022.

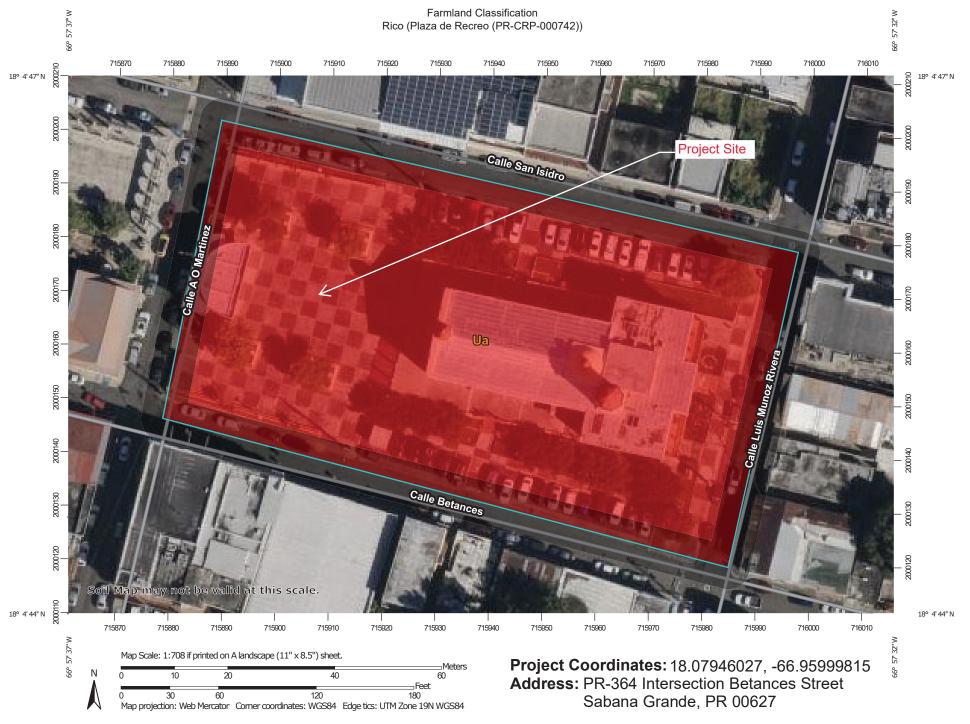
Map Plaza de Recreo

Applicant ID: PR-CRP-000742
Project Coordinates: 18.07946027, -66.95999815
Address: PR-364 Intersection Betances Street Sabana Grande, PR 00627





B-10



		MAP LEGEND		
Area of Interest (AOI)  Area of Interest (AOI)  Boils  Soil Rating Polygons  Not prime farmland  All areas are prime farmland  Prime farmland if drained  Prime farmland if protected from flooding or not frequently flooded during the growing season  Prime farmland if irrigated  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season  Prime farmland if irrigated and drained  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season	Prime farmland if subsoiled, completely removing the root inhibiting soil layer  Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60  Prime farmland if irrigated and reclaimed of excess salts and sodium  Farmland of statewide importance  Farmland of statewide importance, if drained  Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season  Farmland of statewide importance, if irrigated	Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season  Farmland of statewide importance, if irrigated and drained  Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season  Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer  Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60	Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium  Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season  Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season  Farmland of statewide importance, if warm enough Farmland of statewide importance, if thawed  Farmland of statewide importance, if thawed  Farmland of local importance  Farmland of local importance, if irrigated	Farmland of unique importance  Not rated or not available  Soil Rating Lines  Not prime farmland  All areas are prime farmland  Prime farmland if drained  Prime farmland if protected from flooding or not frequently floode during the growing season  Prime farmland if irrigated  Prime farmland if drained and either protected from flooding or not frequently floode during the growing season  Prime farmland if irrigated and drained  Prime farmland if irrigated and drained  Prime farmland if irrigated and either protected from flooding or not frequently floode during the growing season

## Farmland Classification—San German Area, Southwestern Puerto Rico (Plaza de Recreo (PR-CRP-000742))

	Prime farmland if subsoiled, completely removing the root inhibiting soil layer	~	Farmland of statewide importance, if drained and either protected from flooding or not frequently	~	Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium	~	Farmland of unique importance Not rated or not available	Prime farmland if subsoiled, completely removing the root inhibiting soil layer
~	Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60	~	flooded during the growing season Farmland of statewide importance, if irrigated and drained	~~	Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the	Soil Rat	ting Points  Not prime farmland  All areas are prime farmland	Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
~	Prime farmland if irrigated and reclaimed of excess salts and sodium	~	Farmland of statewide importance, if irrigated and either protected from flooding or not frequently	~	growing season Farmland of statewide importance, if warm enough, and either	•	Prime farmland if drained  Prime farmland if protected from flooding or	Prime farmland if irrigated and reclaimed of excess salts and sodium
~	Farmland of statewide importance Farmland of statewide		flooded during the growing season		drained or either protected from flooding or not frequently flooded		not frequently flooded during the growing season	Farmland of statewide importance
	importance, if drained Farmland of statewide	-	Farmland of statewide importance, if subsoiled,		during the growing season		Prime farmland if irrigated	Farmland of statewide importance, if drained
~	importance, if protected from flooding or not frequently flooded during the growing season	~	completely removing the root inhibiting soil layer Farmland of statewide importance, if irrigated and the product of I (soil	~~	Farmland of statewide importance, if warm enough		Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season	Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
~	Farmland of statewide importance, if irrigated		erodibility) x C (climate factor) does not exceed 60	~	importance, if thawed Farmland of local importance		Prime farmland if irrigated and drained	Farmland of statewide importance, if irrigated
				~	Farmland of local importance, if irrigated	•	Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season	

## Farmland Classification—San German Area, Southwestern Puerto Rico (Plaza de Recreo (PR-CRP-000742))

- Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
  - Farmland of statewide importance, if irrigated and drained
  - Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
  - Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
  - Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60

- Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
- Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
- Farmland of statewide importance, if warm enough
- Farmland of statewide importance, if thawed
- Farmland of local importance
- Farmland of local importance, if irrigated

- Farmland of unique importance
- Not rated or not available

#### **Water Features**

Streams and Canals

#### Transportation

---

Rails

~

Interstate Highways

US Routes
Major Roads

-

Local Roads

#### Background

Aerial Photography

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

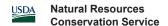
Soil Survey Area: San German Area, Southwestern Puerto Rico

Survey Area Data: Version 16, Sep 10, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jan 23, 2022—Mar 1, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.



#### **Farmland Classification**

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Ua	Urban land	Not prime farmland	1.6	100.0%
Totals for Area of Interest			1.6	100.0%

#### **Description**

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

#### **Rating Options**

Aggregation Method: No Aggregation Necessary

Aggregation is the process by which a set of component attribute values is reduced to a single value that represents the map unit as a whole.

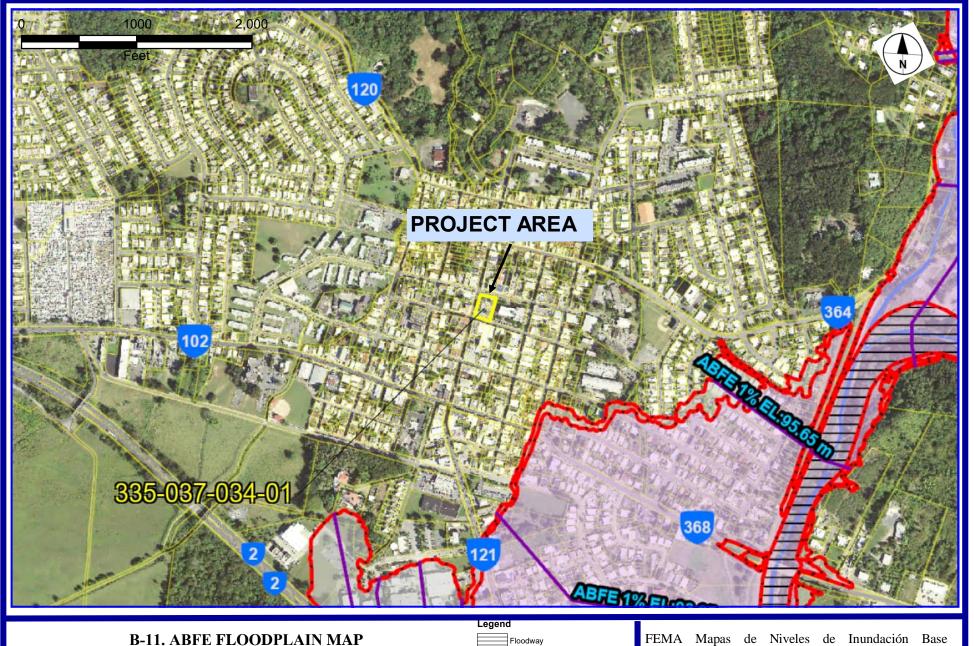
A map unit is typically composed of one or more "components". A component is either some type of soil or some nonsoil entity, e.g., rock outcrop. For the attribute being aggregated, the first step of the aggregation process is to derive one attribute value for each of a map unit's components. From this set of component attributes, the next step of the aggregation process derives a single value that represents the map unit as a whole. Once a single value for each map unit is derived, a thematic map for soil map units can be rendered. Aggregation must be done because, on any soil map, map units are delineated but components are not.

For each of a map unit's components, a corresponding percent composition is recorded. A percent composition of 60 indicates that the corresponding component typically makes up approximately 60% of the map unit. Percent composition is a critical factor in some, but not all, aggregation methods.

The majority of soil attributes are associated with a component of a map unit, and such an attribute has to be aggregated to the map unit level before a thematic map can be rendered. Map units, however, also have their own attributes. An attribute of a map unit does not have to be aggregated in order to render a corresponding thematic map. Therefore, the "aggregation method" for any attribute of a map unit is referred to as "No Aggregation Necessary".

Tie-break Rule: Lower

The tie-break rule indicates which value should be selected from a set of multiple candidate values, or which value should be selected in the event of a percent composition tie.



PLAZA DE RECREO
PR-364 INTERSECTION BETANCES STREET
SABANA GRANDE, PUERTO RICO



FEMA Mapas de Niveles de Inundación Base Recomendados (Advisory Maps) Panel 72000C1580J April 18, 2018

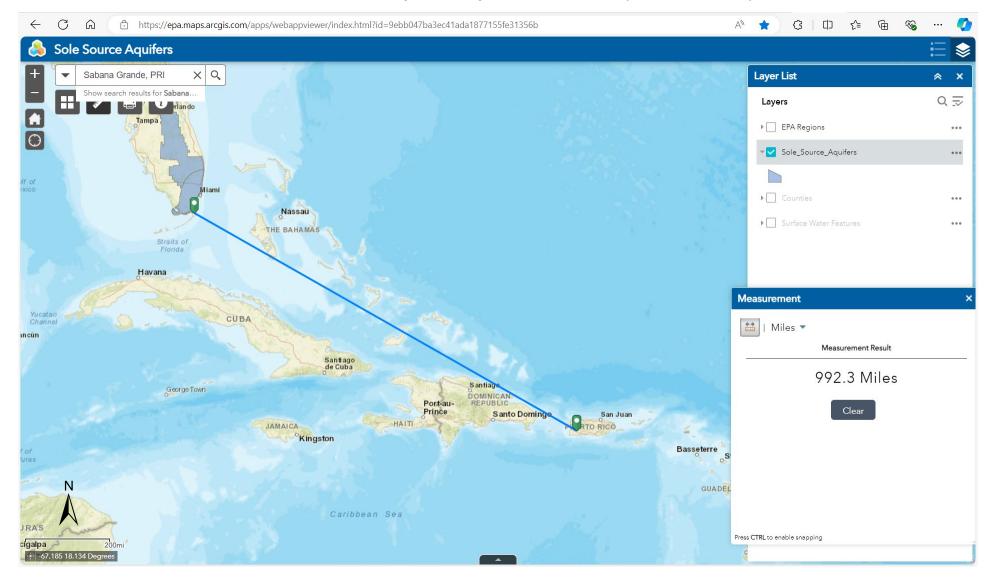
Lat: 18.07946027; Lon: -66.95999815 Not to Scale X: 144248.82077; Y: 227321.6477



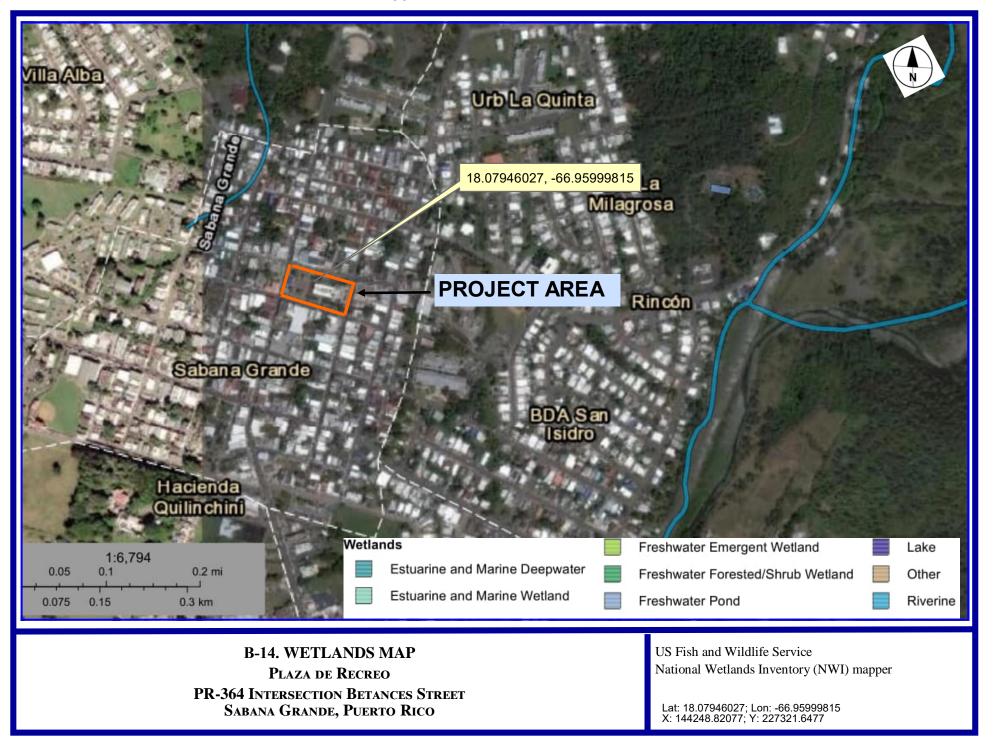
B-12. NOISE ABATEMENT PLAZA DE RECREO PR-364 INTERSECTION BETANCES STREET SABANA GRANDE, PUERTO RICO **EPA NEPAssist** 

Lat: 18.07946027; Lon: -66.95999815 X: 144248.82077; Y: 227321.6477

#### B-13. Sole Source Aquifers Map. Plaza de Recreo (PR-CRP-000742)



Project Coordinates: 18.07946027, -66.95999815 Address: PR-364 Intersection Betances Street Sabana Grande, PR 00627

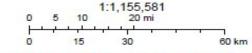


# **Applicant ID: PR-CRP-000742**PLAZA DE RECREO, SABANA GRANDE



February 1, 2023

Wild and Scenic Rivers



Earthstar Geographics, Esri, HERE, Garmin, Foursquare, SafeGraph, FAO, METINASA, USGS, NPS

B-15. WILD AND SCENIC RIVERS
PLAZA DE RECREO
PR-364 INTERSECTION BETANCES STREET
SABANA GRANDE, PUERTO RICO

**EPA NEPAssist** 

**X**: 144248.82077; **Y**: 227321.6477

Lat: 18.07946027; Lon: -66.95999815

# Environmental Review for Activity/Project that is Categorically Excluded Subject to Section 58.5 Pursuant to 24 CFR 58.35(a)

Municipio de Sabana Grande Plaza de Recreo PR-CRP-000742

#### ATTACHMENT C: AGENCIES CONSULTATIONS

US FISH AND WILDLIFE SERVICE
STATE HISTORIC PRESERVATION OFFICE



# HOUSING



#### <u>Transmittal Letter</u>

March 6, 2024

Caribbean Ecological Services Field Office U.S. Fish and Wildlife Service P.O. Box 491 Boquerón, Puerto Rico 00622 Email: caribbean es@fws.gov



Based on the information provided, we determined the project proposed qualifies for the blanket clearance letter. Nevertheless, if the project is modified this office should be contacted concerning the need for the initiation of consultation under section 7 of Endangered Species Act of 1973.

DAMARIS ROMAN
Reviewer RUIZ

Digitally signed by DAMARIS ROMAN RUIZ Date: 2024.03.08 10:44:12 -04'00'

ROBERT TAWES Digitally signed by ROBERT TAWES Date: 2024.03.10 17:21:41 -04'00'

Acting Caribbean ES Field Supervisor

RE: USFWS Endangered Species Act Certifications City Revitalization Program February 2024

We are submitting the following Self-Certifications for projects under the CDBG-DR City Revitalization Program. Attached are included the Self-Certifications that certify that the projects are in compliance and are not likely to adversely affect federally-listed species.

The following table includes the projects that are in compliance with the Blanket Clearance Letter for the Endangered Species act of 1973, as amended, and the Fish and Wildlife Coordination Act.

Project Number	mber Project Name			
PR-CRP-000338	00338 Mejoras a la Plaza de la Identidad			
PR-CRP-000341	Remodelación Plaza Angel Mislán			
PR-CRP-000521	Demolición y Construcción Plaza del Mercado			
PR-CRP-000670	Centro Multiuso Distrito Moca			
PR-CRP-000742	Plaza de Recreo			
PR-CRP-000744	Centro de Desarrollo Artístico y Cultural de			
FR-CRF-000744	Sabana Grande			
PR-CRP-000807	Mejoras a Plaza Pública y Plaza del Mercado,			
& PR-CRP-001111	Vieques			
PR-CRP-000892	Lajas Activity Center			
PR-CRP-000902 Elderly Service Center				
PR-CRP-001011	Mejoras al Estacionamiento Público del Municipio			
1 K-CKI -001011	de Naguabo			

For more infor	mation, please	contact the P	Permits and	Environmental	Compliance I	Division
at <u>environme</u>	ntcdbg@vivier	ida.pr.gov or a	at (787)274	.2527 ext. 4320.		

Sincerely,

Permits and Environmental Compliance Division Office of Disaster Recovery



#### **Self-Certification**

#### http://www.fws.gov/caribbean/ES/Index.html

#### **Endangered Species Act Certification**

The U.S. Fish and Wildlife Service, Caribbean Ecological Services Field Office developed a Blanket Clearance Letter in compliance with Endangered Species Act of 1973, as amended, and the Fish and Wildlife Coordination Act for federally funded projects.

The Service determined that projects in compliance with the following criteria are not likely to adversely affect federally listed species.

The Puerto Rico Department of Housing (PRDOH) certifies that the following project, **Remodelación Plaza Angel Mislán (PR-CRP-000341)**, consisting of replacement of the following elements; floor pavement using integral porcelain tiles, ornamental lightning poles by LED lamps with renewable energy photocell system, fixed urban furniture, and stairs hang rails; improvements to plaza existing fountains and public Wi-Fi system, renovation of landscaping; located at Calle Padre Feliciano in front of Town Hall, San Sebastián, PR 00685, coordinates 18.336674, -66.991243; complies with:

Check	Project Criteria
	1. Street resurfacing.
	2. Construction of gutters and sidewalks along existing roads.
	3. Reconstruction or emergency repairs of existing buildings, facilities, and homes.
	4. Rehabilitation of existing occupied single-family homes, and buildings; provided that equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation and that the lighting associated to the new facilities is not visible directly or indirectly from a beach.
	5. Demolition of dilapidated single-family homes or buildings; provided that the demolition debris is disposed in certified receiving facilities; equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation.

	6. Rebuilding of demolished single-family homes or buildings, provided that the new construction is within the existing footprint of the previous structure and/or within pre- existing grassed or paved areas, and that the lighting associated to the new facilities are not visible directly or indirectly from a beach.
	7. Activities within existing Right of Ways (ROWs) of roads, bridges, and highways, when limited to actions that do not involve cutting native vegetation or mayor earth moving; and are not located within, or adjacent to, drainages, wetlands, or aquatic systems. These activities include the installation of potable water and sanitary pipelines.
×	8. Improvements to existing recreational facilities, including the installation of roofs to existing basketball courts, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
	9. Construction of electric underground systems in existing towns and communities, provided that the property is not a wetland area and the lighting associated to the facilities are not visible directly or indirectly from the beach.
	10. Construction of facilities on vacant properties covered with grasses in urban areas, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
	11. Construction of houses, buildings or acquiring lands in urban areas covered by grass for relocation of low-income families and/or facilities that have been affected by weather conditions.

Ángel G. López-Guzmán Deputy Director

Permits and Environmental Compliance Division

Office of Disaster Recovery

Address: P.O. Box 21365 San Juan, PR 00928 Telephone and Ext: 787-274-2527 ext. 4320 Email: environmentcdba@vivienda.pr.gov Feb. 29,2024

Date

# Attachment 1

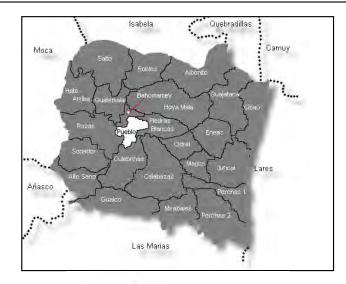
Maps

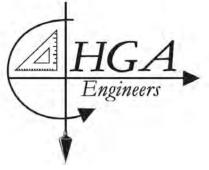




Autonomous Municipality Of San Sebastian Plaza Angel Mislan PR-CRP-341

Project Map





DATE: 12/07/2022



### **Self-Certification**

### http://www.fws.gov/caribbean/ES/Index.html

### **Endangered Species Act Certification**

The U.S. Fish and Wildlife Service, Caribbean Ecological Services Field Office developed a Blanket Clearance Letter in compliance with Endangered Species Act of 1973, as amended, and the Fish and Wildlife Coordination Act for federally funded projects.

The Service determined that projects in compliance with the following criteria are not likely to adversely affect federally listed species.

The Puerto Rico Department of Housing (PRDOH) certifies that the following projects PR-CRP-001111, Market Square for Community and Social Transformation (Lat: 18.14894, Long: -65.44153) and PR-CRP-000807, Improvements to the Vieques Public Square (Lat: 18.149310, Long: -65.441310) consisting of the rehabilitation of the Community Center and the improvements to the Plaza de Recreo, respectively, comply with:

Check	Project Criteria
$\boxtimes$	1. Street resurfacing.
$\boxtimes$	2. Construction of gutters and sidewalks along existing roads.
	3. Reconstruction or emergency repairs of existing buildings, facilities, and homes.
	4. Rehabilitation of existing occupied single-family homes, and buildings; provided that equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation and that the lighting associated to the new facilities is not visible directly or indirectly from a beach.
	5. Demolition of dilapidated single-family homes or buildings; provided that the demolition debris is disposed in certified receiving facilities; equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation.
	6. Rebuilding of demolished single-family homes or buildings, provided

that the new construction is within the existing footprint of the previous structure and/or within pre- existing grassed or paved areas, and that the lighting associated to the new facilities are not visible directly or indirectly from a beach.
7. Activities within existing Right of Ways (ROWs) of roads, bridges and highways, when limited to actions that do not involve cutting native vegetation or mayor earth moving; and are not located within, or adjacent to, drainages, wetlands, or aquatic systems. These activities include the installation of potable water and sanitary pipelines.
8. Improvements to existing recreational facilities, including the installation of roofs to existing basketball courts, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
9. Construction of electric underground systems in existing towns and communities, provided that the property is not a wetland area and the lighting associated to the facilities are not visible directly or indirectly from the beach.
10. Construction of facilities on vacant properties covered with grasses in urban areas, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
11. Construction of houses, buildings or acquiring lands in urban areas covered by grass for relocation of low-income families and/or facilities that have been affected by weather conditions.

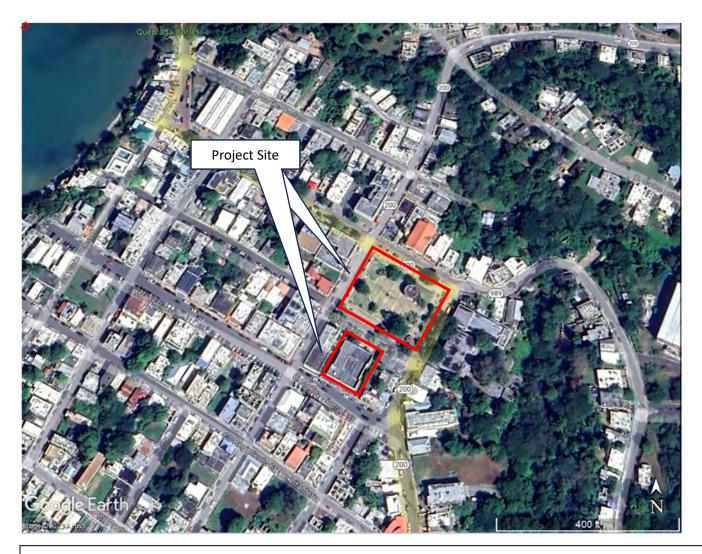
Ángel G. López-Guzmán Deputy Director

Permits and Environmental Compliance Division

Office of Disaster Recovery

Address: P.O. Box 21365 San Juan, PR 00928 Telephone and Ext: 787-274-2527 ext. 4320 Email: environmentcdba@vivienda.pr.gov March 6,2024

Date



Title: Site Location Map - Aerial View Map

Project: PR-CRP-001111 Market Square for Community and Social Transformation & PR-CRP-000807 Improvements to the Vieques Public Square

Coordinates: Marquet Square, X: 304943.6496, Y: 235207.7547 / Public Square, X: 304973.8510, Y: 235254.7010

Cadaster: Maquet Square, 457-052-020-04 / Public Square, 457-042-019-01Source: Google Earth

Website: <a href="https://earth.google.com/web/">https://earth.google.com/web/</a>

Author: AG Environmental PSC



PR-CRP-001111
MARKET SQUARE FOR SOCIAL AND COMMUNITY
TRANSFORMATION (PLAZA DEL MERCADO DE
TRANSFORMACION SOCIAL Y COMUNITARIO)
&

PR-CRP-000807 IMPROVEMENTS TO THE VIEQUES PUBLIC SQUARE (MEJORAS A LA PLAZA PUBLICA DE VIEQUES)

ENVIRONMENTAL REVIEW RECORD PROJECT DESCRIPTION

### PR-CRP-001111 Market Square for Social and Community Transformation

(PR-CRP-001111 – Plaza del Mercado de Transformación Social y Comunitario)

### 1. Owner Information

- a. Name of Corporation or Individual: Municipio de Viegues
- b. **Property Owner:** Departamento de Transportación y Obras Públicas (DTOP)
- c. Authorized Representative: Hon. José A. Corcino Acevedo, Mayor
- d. **Postal Address** 449 Calle Carlos Lebrum, Viegues, P.R. 00765
- e. **Physical Address** 449 Calle Carlos Lebrum, Viegues, P.R. 00765
- f. **Telephone Number -** 787-741-5000
- g. **Email –** <u>municipio.vieques.alcaldia@gmail.com</u>
- h. **SS Patronal:** 66-0433538

### 2. Property Deed

Refer to ATTACHMENT A - Resolution 2022-124, dated November 18, 2022 under the Committee for the Evaluation and Disposal of Real Estate, authorizing the lease agreement between DTOP and the Municipality of Vieques.

### 3. Cadaster Number

457-052-020-04

### 4. Project Summary

**CDBG Application ID:** PR-CRP-001111

Project Name: Market Square for Community and Social Transformation

Address: Calle Victor Duteil #29, Vieques, PR 00765

**Project Funding Amount: 2,208,950.00** 

The J. Gautier Benítez School, also known as the Vieques Public School, was designed by renowned architect Antonin Nechodoma, and built by Frank B. Hatch in 1907 in the neoclassical style, typical of the time. Later repaired by Adrian Finlayson in 1919, the structure was built with concrete blocks, wooden roof with an open interior patio, with wooden doors, and wooden and glass shuttered windows. Currently, and with further interventions (no date available), the building has a concrete slab roof, non-original wood doors; with clay, ceramic and vinyl floor tiles, and aluminum jalousie "Miami" windows, which are not historical.

The original building served as a public school, properly named Vieques Public School. Currently, the building hosts several functions, acting as a center for several community organizations to provide services and programs. The proposed revitalization project seeks to rehabilitate existing facilities to create a more resilient center, one that can better support and the services which are already in the facility and provide the space for the creation of a Market Square for Social and Community Transformation by introducing an agricultural market to support for small farmers.

The proposed improvements seek to demolish the exterior concrete pavement surrounding the primary structure in order to make way for new planting beds and paving materials. New foundations will be provided to support a new fence on the Muñoz Rivera Street.

The rehabilitation of the building does not seek to change the size and/or capacity of the existing building footprint, rather, the existing spaces will be rehabilitated with the purpose of using them as a center of social and community transformation where local non-profit organizations can make use of multidisciplinary classrooms for training and provide community services by leasing office spaces. Part of the rooms within the rehabilitated building will become an Agricultural Market which will provide access to local families and communities in Vieques to fresh produce from small local farmer merchants, encouraging and supporting the local economy. The remaining areas will continue to serve as spaces where community organizations provide other services to the Vieques community.

The historic structure has a total area of 5,710 SF distributed across a single raised level. The structure is situated in a lot area of 1,210.67 square meters according to Puerto Rico Planning Board geographic database. This is identified with the cadaster number 457-052-020-04 and is classified as Urban Land

(Suelo Urbano – SU) in accordance with the Plan de Uso de Terrenos de Puerto Rico on November 30, 2015. The parcel is zoned as D.g (Dotacional General) within the developed area of the Municipality of Vieques. The Lambert coordinates of the property are X: 304943.6496, Y: 235207.7547. The land has substantially flat topography. The property is located outside of the flood zone and is identified as zone X according to FEMA map 72000C1340J effective April 18, 2018.

### **Existing Conditions**



View of former Gautier Benítez School main façade. Photo taken from Víctor Duteil St. Camera looking south.



View of former Gautier Benítez School secondary façade. Photo taken from Muñoz Rivera St. Camera looking north.



View of former Gautier Benítez School interior patio. Camera looking south.

### **Acquisition**

The property is owned by the Department of Transportation and Public Works (DTOP) and leased by the Municipality of Vieques as of Resolution 2022-124 effective November 18, 2022

### **Demolition**

Demolition work will focus on exterior paving, planters and the concrete block fence facing Calle Muñoz Rivera as parts of the existing wall have collapsed. Exterior envelope elements such as non-historic windows and doors and skylight will be removed. GWB partitions, acoustic ceiling tiles, vinyl flooring, rubber base and ceramic tiles will also be removed.

### **Purchases and Equipment**

The agricultural market will require refrigerated open display and refrigerator equipment for produce items intended for sale. Shelving units will be affixed to the top and bottom of the existing interior concrete floor and roof slab. The following appliances will be supplied by the vendor for the operation of the coffee shop. These will require electrical and plumbing hookups:

- 1. Espresso Machine
- 2. Coffee Grinder
- 3. Commercial Coffee Brewer
- 4. Hot Water Dispenser
- 5. Water Filtration System
- 6. Undercounter refrigerator
- 7. Water Filtration System
- 8. Commercial Blender
- 9. Ice Machine
- 10. POS System

The building will be equipped with a service sink and a janitor closet for maintenance and operations.

Rehabilitation, Renovation, Repairs & Improvements

The proposed intervention seeks to rehabilitate the existing building and recover those qualities of historic architectural value that the property has. Therefore, on the building exterior, areas with spalled concrete will be repaired, and cracked or missing cornices, moldings, and window sills will be restored. The exterior walls will be altered only to recover original vent openings at the base of the building that have been covered over time and contribute to the historic character of the structure.

The existing metal jalousie windows will be replaced, and the original openings of the windows will be recovered. New metal windows and wood doors will be incorporated. Their design seeks to be compatible with the historical character of the building emulating the appearance and patterns of the original windows and doors identified through historic photographs and other documentation as no original drawings have been found to date.

Within the building interior, existing gypsum board walls will be removed, and new partitions will be put in place where required, based on the proposed programming of the spaces. The existing ceramic tiles in the bathrooms will be removed and replaced with new tiles.

The existing skylight and louvers structure above the interior courtyard will be replaced to integrate new low-e glazing and support system. The supporting concrete curb on which it sits will be raised to improve impermeability and accommodate new roof insulation and membrane system on the surrounding roof.

#### Construction

The exterior site concrete fence wall facing Muñoz Rivera Street will be reconstructed to provide a wider access into the property and access from the sidewalk for trash storage. The iron fence along Calle Victor Duteil will be preserved and restored, with repairs to the low wall.

To meet ADA requirements, two different ramps will be required to provide an accessible entrance to the building. On the Muñoz Rivera Street approach, the existing non-compliant ADA ramp will be demolished. The ground elevation will be raised to meet sidewalk grade and a slab on grade ramp will be erected to the West side of the building entrance. A new landing will be provided at finish floor elevation with new stairs on the opposite side of the new ramp. On the Victor Duteil Street approach, the existing historic stairs will be enclosed over a slab on grade ramp and landing structure in an effort to preserve the original building

elements. New entrance stairs will be constructed to align with the central building axis, forward from their original location.

### **Utilities and Infrastructure**

### **Structural**

The structural scope of work consists of the alteration of an existing building to be transformed into a market square. A GPR survey for the existing structural elements will be performed in the old school structure to evaluate the existing conditions of the structure. It is also proposed various explorations of existing foundations be made. Such information will determine the magnitude of the foundation and structure reinforcement required. Areas affected by corroded rebar and/or loose concrete will need to be repaired according to specified instructions.

#### **Electrical**

The scope of the electrical work aims to provide a fully new electrical system with a new three-phase feeder to the improved point of connection that complies with all standards and regulations. All existing electrical system will be demolished and/or abandoned.

A new solar photovoltaic array is proposed to assure the resiliency and performance of a building that will function as a community center. The grid interactive photovoltaic (PV) system of 35 KW shall be installed on the roof. The photovoltaic modules will be mounted on a raised aluminum framework over the replaced roof membrane. The proposed location on the roof takes best advantage of the southern exposure and allows the array to be concealed from public view as the existing building parapet has an elevation of approximately 8 feet. It is expected it will generate approximately 30% - 40% of the project energy used. System is proposed to be a net metering concept type of installation to reduce the energy consumption and the utility bill costs, not as a backup system.

A new emergency distribution system will be provided. This system will consist of a diesel driven generator (final capacity to be determined), ATS and Emergency Distribution Panel that will serve the whole building electrical load.

A new fire alarm system consisting of manual and automatic initiation means, audio and visual notification appliances will be provided per NFPA requirements for educations facilities.

### Mechanical

The mechanical building systems will be designed using energy efficient methods and environmentally friendly strategies. New ventilation and air conditioning systems will be provided only in the proposed office spaces. The mechanical equipment serving these spaces will be located on the roof of the existing building and will be anchored and concealed behind the existing building parapet.

In the spaces occupied by the agricultural market and café programs, passive design strategies, such as operable fenestration, augmented by ceiling fans, will be implemented to allow for fresh air crossventilation.

### **Plumbing and Sanitary System**

The distribution system shall consist of the location of existing piping entering the building, provide a new reduced pressure zone backflow preventer and continuing to all fixtures. All portions of the building plumbing fixture, and equipment shall be protected from static pressures greater than 80 psi by the installation of pressure reducing valves.

The proposed improvements include the provision of potable water cisterns and dedicated pumps to serve the building when service is disrupted. Service will continue to tie into the existing water meter on site.

The bathroom fixtures count will be reduced on the existing bathrooms complying with the proposed building use occupancy (Business) as per the 2018 Puerto Rico Building Code and the Americans with Disabilities Act (ADA). A new sink will be provided at the proposed coffee shop area as well as s service sink for a new janitor room and water fountain to serve the building users as required by the 2018 Puerto Rico Building Code.

### **Fire Protection**

Currently, the building does not have fire protection by means of sprinkler system. Fire extinguishers will be provided as required by NFPA 10.

### **Telecommunications**

A new telecommunications infrastructure will be provided. New telecommunications point of connection will be requested from the "Junta Reglamentadora de Telecomunicaciones" and a new main telephone and cable TV underground distribution system will be provided. New main distribution cabinets will be installed, as well as a new building distribution that will provide the necessary pathways for the required information system requirements including wireless connections for full building coverage.

### PR-CRP-000807 Improvements to the Vieques Public Square

(PR-CRP-000807 – Mejoras a la Plaza Pública de Viegues)

### 1. Owner Information

- a. Name of Corporation or Individual: Municipio de Vieques
- b. Property Owner: Municipio de Vieques
- c. Authorized Representative: Hon. José A. Corcino Acevedo, Mayor
- d. Postal Address 449 Calle Carlos Lebrum, Viegues, P.R. 00765
- e. Physical Address 449 Calle Carlos Lebrum, Vieques, P.R. 00765
- f. Telephone Number 787-741-5000
- g. Email municipio.vieques.alcaldia@gmail.com
- h. **SS Patronal:** 66-0433538

### 2. Property Deed

Refer to ATTACHMENT B - MOV Plaza Ownership Certification Letter

### 3. Cadaster Number

457-042-019-01

### 4. Project Summary

Application ID: PR-CRP-000807

**Project Name:** Improvements to the Vieques Public Square **Address:** 449 Calle Carlos Lebrum, Vieques, PR 00765

**Project Funding Amount:** 1,835,187.50

Vieques Public Square (c.1845), also known as Plaza Luis Muñoz Rivera, is first identified in an 1850 plan that shows the urban grid, just six years after the town of Isabel Segunda was founded. The original

aspect of the plaza, as with most others in Latin America, was an open space covered with dirt-land, around which were located the primary public, governmental, and religious buildings. The first intervention made was in 1869-1871 for the construction of a public cistern of circular shape and can be found documented in maps from 1887 through 1898. Later, in a 1916-1920 intervention, part of the cistern was demolished, and another part is still underground. This project included a complete redesign of the plaza, and the construction of a concrete gazebo with a sheet-metal roof. In 1947-1953, the gazebo's roof was reconstructed in reinforced concrete, and the existing columns were altered, the plaza was also repaved with terrazzo, and the green areas were rebuilt. The latest remodeling of the Plaza was in 2004-2007, the existing gazebo located at the center of the plaza was demolished and another was constructed at the northeast corner of the plaza. The plaza was also repaved with terrazzo with a new pattern, the design of the existing planters was altered and covered in coral stone. As part of this last intervention, a new fountain was built at the southwest corner of the plaza inside a planter shaped like Vieques Island.

The Vieques Public Square serves as the main gathering place for the residents and visitor of the Island especially during the different festivities celebrated year-round. On the Southeast corner of the Plaza, there is a permanent concession stand occupied and local street vendors frequented the plaza daily.

The proposed improvements to the public square include replacement of the existing pavement surface to repair areas where the pavement has settled, construction of new stairs extensions along the North, West, and Southwest edges of the plaza, construction of new shade structures, repairs and modification to adjacent sidewalks including the construction of new ADA compliant access ramps, new seat walls, and raised planters, restoration to the existing water feature, improvements to the site lighting, basic landscape elements, new site furnishings, outdoor speakers, and public Wi-Fi system.

Foundations are required to construct several elements of the plaza such as seating walls, stairs, curbs, ramps, low retaining walls, concrete pedestal to locate the existing monument, support posts for shade structures, and raised planters. The primary means of construction for the foundations of the plaza and sidewalk elements will be using poured-in-place reinforced concrete.

Ground disturbances will occur in several places throughout the plaza and are required to build the foundations for the steps, raised planters, seat walls, concrete pedestal, and shade structure support

posts. Ground disturbances will also occur during the demolition process of existing concrete raised planting beds, concrete stairs along the North, West of existing concrete raised planting beds and concrete stairs along the Public Square's North, West, and Southwest edges of the Public Square.

Improvements and repairs to the public square do not seek to increase the capacity or size of the plaza or adjacent sidewalks. The intervention will maintain the current programmatic uses of the public spaces.

Vieques Public Square is in a lot that has 3.808 sq.m with the cadaster number 457-042-019-01 and is classified as Urban Land (Suelo Urbano-SU) in accordance with the Plan de Uso de Terrenos de Puerto Rico November 30, 2015, and Puerto Rico's Planning Board geographic database. The parcel is Dotacional General (Dg) within the urban area of the municipality of Vieques. The Lambert Coordinates of the public square are X: 04973.8510, Y:235254.7010. The property is located outside of the flood zone and is identified as zone X according to FEMA map 72000C1340J effective May 25, 2018.

### **Existing Conditions**



Aerial view of existing Luis Muñoz Rivera Plaza



View of existing Luis Muñoz Rivera Plaza. Camera looking East

### **Acquisition**

The property is owned by the Municipality of Vieques, and no additional acquisition of land or fixed structures is expected.

### **Demolition**

The proposed intervention will require the demolition of the existing seat walls, raised planters, sections of the adjacent sidewalks, curbs, stairs, a concrete pedestal located inside a raised planter, a steel post located inside a raised planter, handrails, existing stairs, portions of the plaza's concrete slab and low

wall along the North, West, and Southwest of edges of the plaza, and existing light fixtures within the plaza. Approximately  $\pm$  12 existing trees and tree stumps will require removal as they are in poor shape or are damaged per an arborist's assessment.

### **Purchases and Equipment**

The improvement to Vieques Public Square will require the relocation of an existing electrical unit. Similarly, plumbing components, such as a water pump and sump pump will be required to restore the existing water feature on the southwest planter to its original working condition. New electrical outlets, internet service devices for a public Wi-Fi system, outdoor-grade speakers, and plumbing and electrical hookups will be provided throughout the Plaza. New light posts and site furnishings, including benches, waste receptacles, and bike racks will be incorporated into the design.

### Rehabilitation, Renovation, Repairs & Improvements

The proposed intervention seeks to replace 20,960 sq.ft. of the existing plaza pavement as well as the existing electrical and lighting infrastructure systems and improve the condition of the the adjacent sidewalks and existing tree pits. An approximate area of 2,500 sq. ft. of the existing concrete slab will be repaired where pavement has subsided, along with  $\pm 8,650$  sq. ft. of sidewalks. The existing water feature located on the southwest quadrant of the square will be restored to its original operation conditions. The intended repairs and modifications do not anticipate an increase in the area or the capacity of the public square.

#### Construction

As part of the improvements, construction of new seat walls, concrete stairs,  $\pm 2,700$  sq. ft of pergola/shade structures, raised planters, ADA compliant ramps, low retaining walls and sidewalks curbs will take place.

### **Utilities and Infrastructure**

#### **Structural**

The structural scope of work consists of the alteration of an existing Public Square. It is proposed that a complete soil report and various explorations of existing foundations be made in the existing square. Such

information will determine the magnitude of the foundation and structure reinforcement for the proposed pergola structures. Other alterations to the Public Square include the addition of planters, retaining walls, and metal trellis.

#### **Electrical**

The electrical scope consists of furnishing a new electrical infrastructure, including all the new electrical components and to perform modifications to the current layouts illuminating the area. The electrical system shall be a 120/208 V, three (3) phases, four (4) wires system with sufficient capacity to serve the Plaza. All new electrical connections will be made in the MDP and the required auxiliary panelboards. A new electrical closer will be designed for the plaza to install all new electrical equipment. The demolition scope includes the removal of all the existing panels located inside the existing electrical closet, the removal of all devices installed in the plaza, removal of all lighting fixtures and other devices installed at periphery posts.

### **Plumbing**

The plumbing system's design shall include the coordination of existing domestic water, with the available utility locations indicated on the civil site utilities plan. All utilities will be coordinated with the civil engineer to include pipe sizes. The systems will be shown on the plumbing drawings leaving the Plaza to a point 5 feet outside of the Plaza area and indicated to continue the civil plans. The distribution system shall consist of the location of existing piping entering the Plaza, provide a new reduced pressure zone backflow preventer and continuing to all hose bibs and water pond feature. The popping portions for the hose bibs shall be protected from static pressures greater than 80 psi by the installation of pressure reducing valve. The pond's make-up water valve shall be protected from static pressures greater than 40 psi by the installation of a pressure reducing valve.

The water system for the water pond feature consists of a water recirculating pump that raises the pond water to the higher deck of the feature and cascading to the lower pond.

#### **Telecommunications**

Will be provided as required for the remotely controlled devices and dedicated outlets for special presentations.



### **Self-Certification**

### http://www.fws.gov/caribbean/ES/Index.html

### **Endangered Species Act Certification**

The U.S. Fish and Wildlife Service, Caribbean Ecological Services Field Office developed a Blanket Clearance Letter in compliance with Endangered Species Act of 1973, as amended, and the Fish and Wildlife Coordination Act for federally funded projects.

The Service determined that projects in compliance with the following criteria are not likely to adversely affect federally-listed species.

The Puerto Rico Department of Housing (PRDOH) certifies that the following project *Mejoras a la Plaza de la Identidad* (PR-CRP-000338) consisting of construction of a roof adjacent to concessionaires, replacement of ornamental lighting poles, construction of a restroom, replacement of ornamental furniture, installation of Wi-Fi system located at Luis Muñoz Rivera Street, San Sebastián, PR, coordinates 18.336594, -66.992636, complies with:

Check	Project Criteria
	1. Street resurfacing.
	2. Construction of gutters and sidewalks along existing roads.
	3. Reconstruction or emergency repairs of existing buildings, facilities and homes.
	4. Rehabilitation of existing occupied single-family homes, and buildings; provided that equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation and that the lighting associated to the new facilities is not visible directly or indirectly from a beach.
	5. Demolition of dilapidated single-family homes or buildings; provided that the demolition debris is disposed in certified receiving facilities; equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation.
	6. Rebuilding of demolished single-family homes or buildings, provided

that the new construction is within the existing footprint of the previous structure and/or within pre- existing grassed or paved areas, and that the lighting associated to the new facilities are not visible directly or indirectly from a beach.
7. Activities within existing Right of Ways (ROWs) of roads, bridges and highways, when limited to actions that do not involve cutting native vegetation or mayor earth moving; and are not located within, or adjacent to, drainages, wetlands, or aquatic systems. These activities include the installation of potable water and sanitary pipelines.
8. Improvements to existing recreational facilities, including the installation of roofs to existing basketball courts, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
9. Construction of electric underground systems in existing towns and communities, provided that the property is not a wetland area and the lighting associated to the facilities are not visible directly or indirectly from the beach.
10. Construction of facilities on vacant properties covered with grasses in urban areas, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
11. Construction of houses, buildings or acquiring lands in urban areas covered by grass for relocation of low-income families and/or facilities that have been affected by weather conditions.

Ángel G. López-Guzmán Deputy Director

Permits and Environmental Compliance Division

Office of Disaster Recovery

Address: P.O. Box 21365 San Juan, PR 00928 Telephone and Ext: 787-274-2527 ext. 4320 Email: <a href="mailto:environmentcdbg@vivienda.pr.gov">environmentcdbg@vivienda.pr.gov</a> Dodg.

Date

# Attachment 1

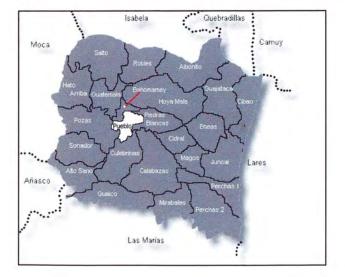
Maps

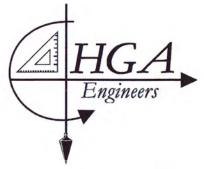




Autonomous Municipality Of San Sebastian Plaza De La Identidad Pepiniana PR-CRP-338

Project Map





DATE: 12/06/2022



### **Self-Certification**

http://www.fws.gov/caribbean/ES/Index.html

### **Endangered Species Act Certification**

The U.S. Fish and Wildlife Service, Caribbean Ecological Services Field Office developed a Blanket Clearance Letter in compliance with Endangered Species Act of 1973, as amended, and the Fish and Wildlife Coordination Act for federally funded projects.

The Service determined that projects in compliance with the following criteria are not likely to adversely affect federally listed species.

The Puerto Rico Department of Housing (PRDOH) certifies that the following project Elderly Service Center (PR-CRP-000902), consisting of the design and construction of a service facility for the elderly residents of the community consisting of a kitchen area, dining room, activity room, workshop room, administrative offices, medical area, social work office, food storage room, miscellaneous storage room, general storage room, bathrooms, shower area, laundry, parking with two street access (Santa Rosa Street and Ferrocarril Street), and recreational area, among others, with approximate dimensions of 1.16 acres, and an emergency generator (or equivalent redundant power source) located at #11 Ferrocarril Street, Lajas, PR 00667, coordinates -67.05761236, 18.04941608, complies with:

Check	Project Criteria
	1. Street resurfacing.
	2. Construction of gutters and sidewalks along existing roads.
	3. Reconstruction or emergency repairs of existing buildings, facilities, and homes.
	4. Rehabilitation of existing occupied single-family homes, and buildings; provided that equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation and that the lighting associated to the new facilities is not visible directly or indirectly from a beach.

5. Demolition of dilapidated single-family homes or buildings; provided that the demolition debris is disposed in certified receiving facilities; equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation.
6. Rebuilding of demolished single-family homes or buildings, provided that the new construction is within the existing footprint of the previous structure and/or within pre- existing grassed or paved areas, and that the lighting associated to the new facilities are not visible directly or indirectly from a beach.
7. Activities within existing Right of Ways (ROWs) of roads, bridges, and highways, when limited to actions that do not involve cutting native vegetation or mayor earth moving; and are not located within, or adjacent to, drainages, wetlands, or aquatic systems. These activities include the installation of potable water and sanitary pipelines.
8. Improvements to existing recreational facilities, including the installation of roofs to existing basketball courts, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
9. Construction of electric underground systems in existing towns and communities, provided that the property is not a wetland area and the lighting associated to the facilities are not visible directly or indirectly from the beach.
10. Construction of facilities on vacant properties covered with grasses in urban areas, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
11. Construction of houses, buildings or acquiring lands in urban areas covered by grass for relocation of low-income families and/or facilities that have been affected by weather conditions.

Ángel G. López-Guzmán Deputy Director

Permits and Environmental Compliance Division

Office of Disaster Recovery

Address: P.O. Box 21365 San Juan, PR 00928 Telephone and Ext: 787-274-2527 ext. 4320 Email: <a href="mailto:environmentcdbg@vivienda.pr.gov">environmentcdbg@vivienda.pr.gov</a> March 6,2024

Date

# Attachment 1

Maps





### **Self-Certification**

### http://www.fws.gov/caribbean/ES/Index.html

### **Endangered Species Act Certification**

The U.S. Fish and Wildlife Service, Caribbean Ecological Services Field Office developed a Blanket Clearance Letter in compliance with Endangered Species Act of 1973, as amended, and the Fish and Wildlife Coordination Act for federally funded projects.

The Service determined that projects in compliance with the following criteria are not likely to adversely affect federally-listed species.

The Puerto Rico Department of Housing (PRDOH) certifies that the following project Mejoras al Estacionamiento Publico del Municipio de Naguabo (PR-CRP-001011) consisting of restoring the existing 2-level parking garage structure, involving the repair and restoration of concrete floor surfaces on both levels. The first-level interior floor surfaces will undergo mechanical cleaning, repair, and refinishing. The second level requires repairs to the roof deck, including cleaning, crack repairs, correction of ponding, and the application of a sealant finish coat for traffic areas. All railings and guard rails shall be replaced in the stairs leading to the second level. All lighting fixtures will be replaced as well as the installation of solar powered lighting in the outdoor area. This project is located at the intersection of Goyco and Garzot Street, Naguabo, Puerto Rico, complies with:

Check	Project Criteria
	1. Street resurfacing.
	2. Construction of gutters and sidewalks along existing roads.
	3. Reconstruction or emergency repairs of existing buildings, facilities and homes.
×	4. Rehabilitation of existing occupied single-family homes, and buildings; provided that equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation and that the lighting associated to the new facilities is not visible directly or indirectly from a beach.
	5. Demolition of dilapidated single-family homes or buildings; provided that the demolition debris is disposed in certified receiving facilities; equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation.

6. Rebuilding of demolished single-family homes or buildings, provided that the new construction is within the existing footprint of the previous structure and/or within pre- existing grassed or paved areas, and that the lighting associated to the new facilities are not visible directly or indirectly from a beach.
7. Activities within existing Right of Ways (ROWs) of roads, bridges and highways, when limited to actions that do not involve cutting native vegetation or mayor earth moving; and are not located within, or adjacent to, drainages, wetlands, or aquatic systems. These activities include the installation of potable water and sanitary pipelines.
8. Improvements to existing recreational facilities, including the installation of roofs to existing basketball courts, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
9. Construction of electric underground systems in existing towns and communities, provided that the property is not a wetland area and the lighting associated to the facilities are not visible directly or indirectly from the beach.
10. Construction of facilities on vacant properties covered with grasses in urban areas, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
11. Construction of houses, buildings or acquiring lands in urban areas covered by grass for relocation of low-income families and/or facilities that have been affected by weather conditions.

Ángel G. López-Guzmán

Deputy Director

Permits and Environmental Compliance Division

Puerto Rico Department of Housing Office of Disaster Recovery P.O. Box 21365 San Juan, PR 00928 787-274-2527 ext. 4320 environmentcdbg@vivienda.pr.gov Dato

### Attachments:

- 1. Map of Project Area
- 2. Project Site Photos
- 3. Critical Habitat Map

# **Map of Project Area**



## Attachment 2 - Project Site Photos

Mejoras al Estacionamiento Publico del Municipio de Naguabo, PR-CRP-001011





Photograph 2



Photograph 3



Photograph 4



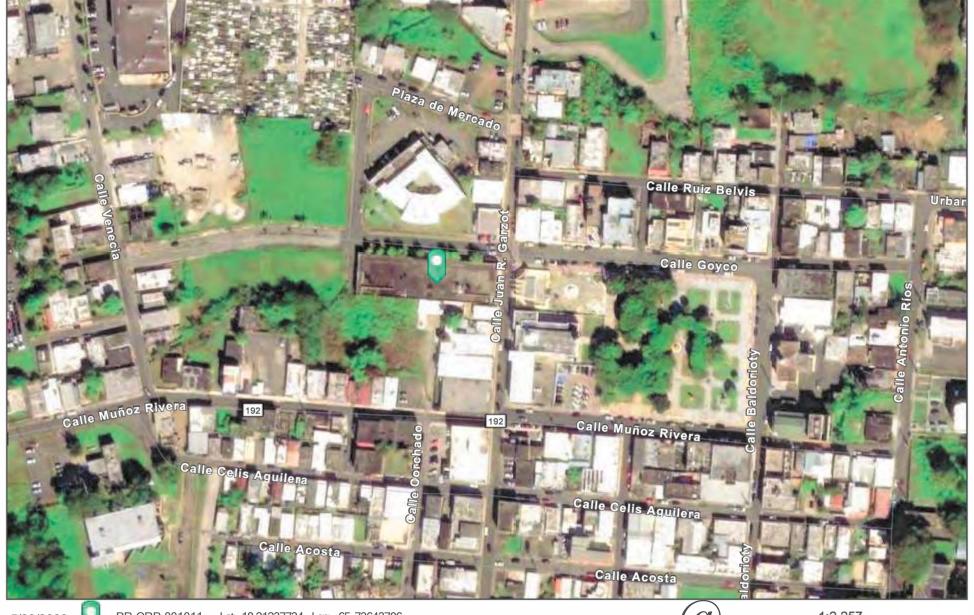
Photograph 5







# Attachment 3-Mejoras al Estacionamiento Publico del Municipio de Naguabo PR-CRP-001011 Critical Habitat for Threatened & Endangered Species [USFWS] USFWS self cert consultation



5/29/2023

EM ARCHITECTS

PR-

PR-CRP-001011 Lat: 18.21237734, Lon: -65.73643706

World Imagery

High Resolution 60cm Imagery

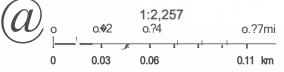
Citations

Low Resolution 15m Imagery

High Resolution 30cm Imagery

60cm Resolution Metadata

https://fws.maps.arcgis.com/apps/mapviewer/index.html?webmap=9d8de5e265ad4fe09893cf75b8dbfb77



Source: Esri, Maxar, Earthstar Geographies, and the GIS User Community, Esri Community Maps Contributors, Esri, HERE, Garmín, Foursquare,



#### **Self-Certification**

http://www.fws.gov/caribbean/ES/Index.html

### **Endangered Species Act Certification**

The U.S. Fish and Wildlife Service, Caribbean Ecological Services Field Office developed a Blanket Clearance Letter in compliance with Endangered Species Act of 1973, as amended, and the Fish and Wildlife Coordination Act for federally funded projects.

The Service determined that projects in compliance with the following criteria are not likely to adversely affect federally listed species.

The Puerto Rico Department of Housing (PRDOH) certifies the following project, Centro de Desarrollo Artístico y Cultural de Sabana Grande (PR-CRP-000744), consisting of the rehabilitation of the existing U-shaped Principal Building of the former Luis Muñoz Rivera School to house the Artistic and Cultural Center of Sabana Grande and the demolition of some elements, structures, and auxiliary buildings. The rehabilitation of the main building includes demolition of all existing windows, doors, and transoms to add new doors, glass transoms, and windows throughout the building interior and exterior walls. Also, the floors of the front offices on each corner of the building will be reconstructed to accommodate for the new ADA compliant bathrooms. The existing structures to be demolished in the project area are: 3 gazebos (zinc roofs), a bathroom building (wood frame and zinc roof), a bathroom building (concrete and zinc roof), Building "B" (former kitchen & dining area) with concrete walls and zinc roof, Building "C" (concrete roof), Building "D" (concrete), Building "E" (concrete), Building "G" (concrete walls, zinc roof), Building "H" ( wood frame and zinc roof), Building "I" (concrete walls, zinc roof). Additionally, existing concrete slabs in the courtyard, fences, garbage area, stairs, ramps, and sidewalks throughout the property will be demolished. The project proposes the construction of a new wall enclosing the school's courtyard with two metal gates, a covered stage with concrete roof, and the addition of bathrooms attached to this new wall. Additionally, new sidewalks, pavement for the courtyard, new benches, planters, and two new kiosks in front of the schoolhouse to the left side. New parking spaces including vehicular entrance and exit, three handicap spaces, and a ramp will be created behind the schoolhouse and Building F. The auxiliary concrete Building "F" behind the main schoolhouse to the right will remain and will be rehabilitated. To this end, exterior walls, fences, building additions, windows, and doors will be demolished to be substituted with new windows and doors. The overall changes to the campus include construction of new exterior fences replacing the existing ones with concrete low walls on the lower portion and geometric metal grilles top. Additionally, the existing

pavements will be redone on the entire site and two existing kiosks will be demolished and rebuilt on one side of the front of the property changing the current symmetrical arrangement. All existing doors and windows inside the schoolhouse will be changed. The project located at Kilometer 41.6 of State Road PR-121, Sabana Grande, PR 00637, coordinates 18.07727220, -66.96133829; and complies with:

Check	Project Criteria
	1. Street resurfacing.
	2. Construction of gutters and sidewalks along existing roads.
	3. Reconstruction or emergency repairs of existing buildings, facilities, and homes.
	4. Rehabilitation of existing occupied single-family homes, and buildings; provided that equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation and that the lighting associated to the new facilities is not visible directly or indirectly from a beach.
	5. Demolition of dilapidated single-family homes or buildings; provided that the demolition debris is disposed in certified receiving facilities; equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation.
	6. Rebuilding of demolished single-family homes or buildings, provided that the new construction is within the existing footprint of the previous structure and/or within pre- existing grassed or paved areas, and that the lighting associated to the new facilities are not visible directly or indirectly from a beach.
	7. Activities within existing Right of Ways (ROWs) of roads, bridges, and highways, when limited to actions that do not involve cutting native vegetation or mayor earth moving; and are not located within, or adjacent to, drainages, wetlands, or aquatic systems. These activities include the installation of potable water and sanitary pipelines.
	8. Improvements to existing recreational facilities, including the installation of roofs to existing basketball courts, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.

9. Construction of electric underground systems in existing towns and communities, provided that the property is not a wetland area and the lighting associated to the facilities are not visible directly or indirectly from the beach.
10. Construction of facilities on vacant properties covered with grasses in urban areas, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
11. Construction of houses, buildings or acquiring lands in urban areas covered by grass for relocation of low-income families and/or facilities that have been affected by weather conditions.

Ángel G. López-Guzmán Deputy Director

Permits and Environmental Compliance Division

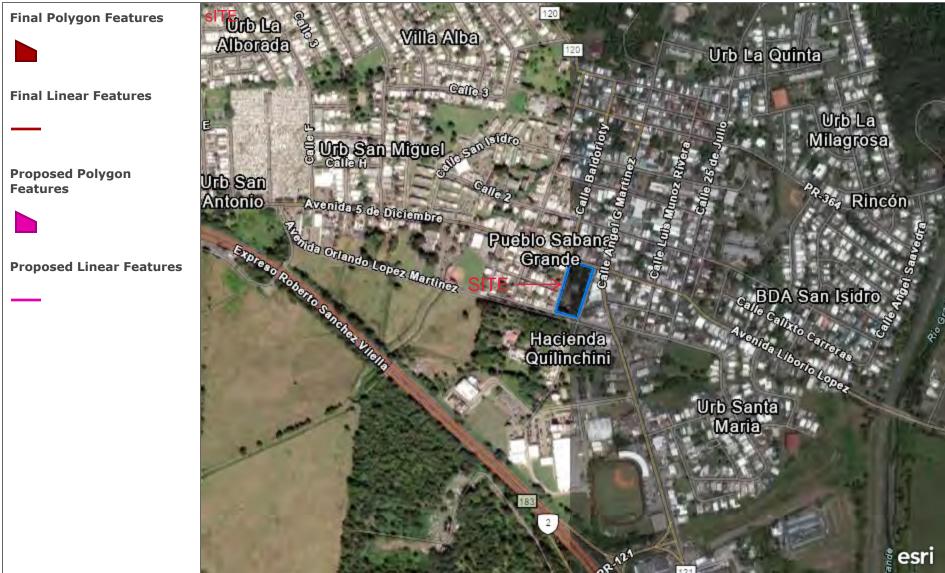
Office of Disaster Recovery

Address: P.O. Box 21365 San Juan, PR 00928 Telephone and Ext: 787-274-2527 ext. 4320 Email: environmentcdbg@vivienda.pr.gov D. 29,2024

Date

### **Critical Habitat for Threatened & Endangered Species [USFWS]**

PR-CRP-000744 Centro de Desarrollo Artístico y Cultural de Sabana Grande



A specific geographic area(s) that contains features essential for the conservation of a threatened or endangered species and that may require special management and protection.

Maxar | Esri Community Maps Contributors, Esri, HERE, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, NPS, US Census

Bureau

600ft



January 30, 2023

Edwin E Muñiz Field Supervisor U.S. Fish and Wildlife Service PO Box 491 Boquerón, Puerto Rico 00622

Email: caribbean\_es@fws.gov

Dear Mr. Muñiz:

On behalf of the *Municipality of Sabana Grande*, we are requesting informal consultation under Section 7 (a)(2) of the Endangered Species Act (Act) (87 Stat. 884, as amended; 16 United States Code 1531 et seq.), and in accordance with the Fish and Wildlife Coordination Act (47 Stat. 401, as amended; 16 U.S.C. 661 et seq.) for the proposed construction of a new arts and cultural center to be known as "Centro de Desarrollo Artístico y Cultural de Sabana Grande".

This project will be located at kilometer 41.6 of State Road PR-121, Pueblo Ward in the Municipality of Sabana Grande, Puerto Rico.

**X**: 144106.1036; **Y**: 227079.5719 Lat: 18.07727220; Lon: -66.96133829

# 

FIGURE 1: PROJECT LOCATION

FIGURE 2: AERIAL PHOTO



This project consists of the demolition of some elements of the former Luis Muñoz Rivera Elementary School and the rehabilitation of the existing U-shaped Principal Building as a new cultural and artistic development center. The project will occur within the same footprint of the former school.

The existing elements to be demolished, using the mechanical method, in this project are:

- Gazebos (3) zinc roof
- Bathroom building wood and zinc
- Bathroom building concrete walls, zinc roof
- Building "B" (Kitchen & Dining) concrete walls, zinc roof
- Building "C" wood wall, concrete roof
- Building "D" concrete
- Building "E" concrete
- Building "F" concrete
- Building "G" concrete walls, zinc roof
- Building "H" wood and zinc
- Building "I" concrete walls, zinc roof
- Concrete slabs, fences, stairs, ramps, and sidewalks throughout the property

- Garbage area
- Some exterior walls

The rehabilitation of the existing U-shaped Principal Building will be carried out in accordance with current building codes. In addition to the rehabilitation of the building, this project includes the construction of:

- 1. New bathrooms
- 2. 59 parking spaces (3 for handicap), including vehicular entrance and exit
- 3. Handicap ramp
- 4. Sidewalks around the parcel
- 5. New Interior and Exterior Plazas
- 6. Two Kioskos
- 7. Planters

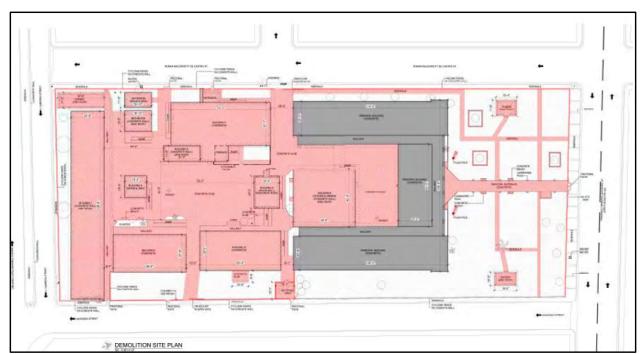
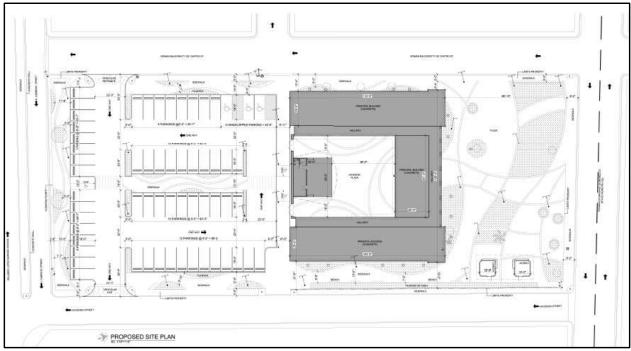


FIGURE 3: DEMOLITION PLAN





According to the Information for Planning and Consultation (IPaC) system, the proposed project lies within the range of the endangered Puerto Rican Boa (Chilabothrus *inornatus*). IpaC shows no critical habitats at this location. (Appendix 1)

A Biological Assessment was prepared on January 30, 2023, using IPaC. The assessment concluded that the area has no characteristics that suggest the possible presence of the Puerto Rican Boa. It consists of a disturbed parcel of land dominated by buildings and limited vegetation coverage. (Appendix 2).

Based on the nature of the project, scope of work, information available, and a careful analysis of the IPAC lists, and the habitat and ecological evaluation of the site, we have made the following effects determinations:

Name of the species	Effect Determination	Conservation Measures that will be implemented
Puerto Rican boa (Chilabothrus inornatus)	No effect (NE)	N/A

In order to complete the informal consultation process, we are requesting your concurrence for the NE determination included in this letter. Attached to this letter, we are including the documents used to reach our No-Effect determination for the listed species. If more information is required, please contact the undersigned <u>imcolonpadilla@gmail.com</u> or (787)903-1208.

Cordially.

Julia M. Colon Padilla. BS

Biologist

# Centro De Desarrollo Artístico Y Cultural De Sabana Grande

# **Biological Analysis**

Prepared using IPaC Generated by Julia Colon (jmcolonpadilla@gmail.com) January 30, 2023

The purpose of this document is to assess the effects of the proposed project and determine whether the project may affect any federally threatened, endangered, proposed, or candidate species. If appropriate for the project, this document may be used as a biological assessment (BA), as it is prepared in accordance with legal requirements set forth unde <u>Section 7 of the Endangered Species Act (16 U.S.C. 1536 (c))</u>.

In this document, any data provided by U.S. Fish and Wildlife Service is based on data as of January 30. 2023.

Prepared using IPaC version 6.87.0-rc7

# Centro De Desarrollo Artístico Y Cultural De Sabana Grande Biological Assessment

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# 1 Description Of The Action

# 1.1 Project Name

Centro de Desarrollo Artístico y Cultural de Sabana Grande

## 1.2 Executive Summary

The project comprises the rehabilitation of a former public school to be use as an artistic and cultural center. The site is fully developed and occupied by structures and facilities accessories to the school use. Part of these accessory structures are to be demolished while the main building will be rehabilitated. The project will provide parking spaces and a new outdoor landscaping. No impact is expected in the endangered Puerto Rican Boa.

# 1.3 Effect Determination Summary

SPECIES (COMMON NAME)	SCIENTIFIC NAME	LISTING STATUS	PRESENT IN ACTION AREA	EFFECT DETERMINATION
<u>Puerto Rican Boa</u>	Chilabothrus inornatus	Endangered	Yes	NE

# **1.4 Project Description**

### 1.4.1 Location



**LOCATION**Sabana Grande County, Puerto Rico

# 1.4.2 Description of project habitat

The site comprises a developed former school. Vegetation is limited to low grasses, trees and palms planted as part of the landscaping of the school and some opportunistic weeds that have grown in the area since the school was abandoned

### 1.4.3 Project proponent information

Provide information regarding who is proposing to conduct the project, and their contact information. Please provide details on whether there is a Federal nexus.

### Requesting Agency

Self

FULL NAME
Julia Colon

STREET ADDRESS 2386 Bentley Dr

CITY STATE ZIP
Palm Harbor FL 34684

PHONE NUMBER E-MAIL ADDRESS

7879031208 jmcolonpadilla@gmail.com

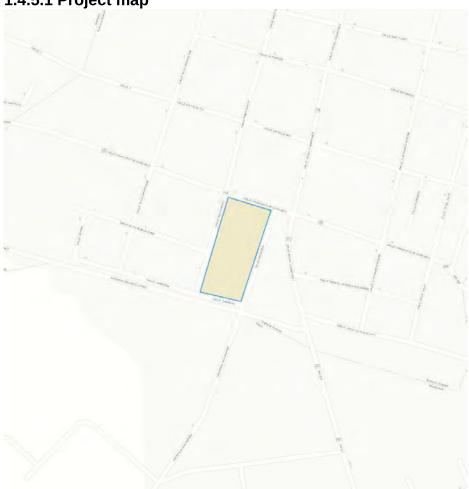
### 1.4.4 Project purpose

The purpose of this project is to provide the citizens of the Municipality of Sabana Grande and surrounding areas a center for the arts. At the same time the project will reuse a now abandoned property.

## 1.4.5 Project type and deconstruction

This project is a institutional project.









Project footprint



Layer 1: Building (structure)

### **1.4.5.2** building

### Structure completion date

March 15, 2023

### Removal/decommission date (if applicable)

March 15, 2024

#### **Stressors**

LANDFORM (TOPOGRAPHIC) FEATURES

• Increase in impervious surfaces

### Description

Rehabilitation of existing main building and demolish accessory buildings

### 1.4.6 Anticipated environmental stressors

Describe the anticipated effects of your proposed project on the aspects of the land, air and water that will occur due to the activities above. These should be based on the activity deconstructions done in the previous section and will be used to inform the action area.

### 1.4.6.1 Plant Features

Individuals from the Plantae kingdom, such as trees, shrubs, herbs, grasses, ferns, and mosses. This feature also includes products of plants (e.g., nectar, flowers, seeds, etc.).

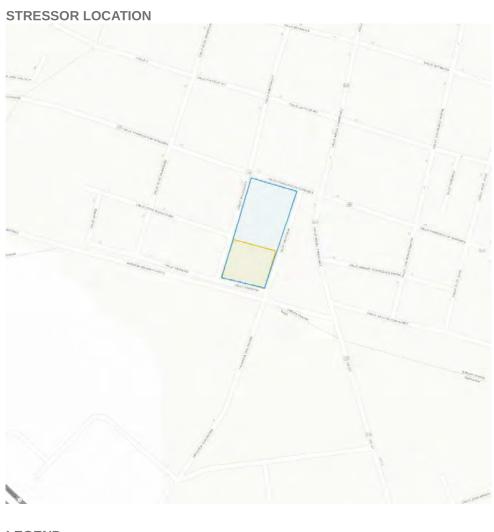
### 1.4.6.2 Landform (topographic) Features

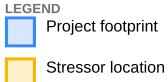
Topographic (landform) features that typically occur naturally on the landscape (e.g., cliffs, terraces, ridges, etc.). This feature does not include aquatic landscape features or man-made structures.

### 1.4.6.2.1 Increase in impervious surfaces

#### **ANTICIPATED MAGNITUDE**

Part of the now green areas will be occupied by parking spaces. However, part of these area is also occupied by existing buildings which are to be demolished.





# CONSERVATION MEASURES No conservation measures for this stressor

#### STRUCTURES AND ACTIVITIES

Building

### 1.5 Action Area



### **1.6 Conservation Measures**

Describe any proposed measures being implemented as part of the project that are designed to reduce the impacts to the environment and their resulting effects to listed species. To avoid extra verbiage, don't list measures that have no relevance to the species being analyzed.

No conservation measures have been selected for this project.

# **1.7 Prior Consultation History**

Do not apply.

# **1.8 Other Agency Partners And Interested Parties**

Do not Apply

# **1.9 Other Reports And Helpful Information**

Do not apply.

# 2 Species Effects Analysis

This section describes, species by species, the effects of the proposed action on listed, proposed, and candidate species, and the habitat on which they depend. In this document, effects are broken down as direct interactions (something happening directly to the species) or indirect interactions (something happening to the environment on which a species depends that could then result in effects to the species).

These interactions encompass effects that occur both during project construction and those which could be ongoing after the project is finished. All effects, however, should be considered, including effects from direct and indirect interactions and cumulative effects.

### 2.1 Puerto Rican Boa

### 2.1.1 Status of the species

This section should provide information on the species' background, its biology and life history that is relevant to the proposed project within the action area that will inform the effects analysis.

### 2.1.1.1 Legal status

The Puerto Rican Boa is federally listed as 'Endangered' and additional information regarding its legal status can be found on the <u>ECOS species profile</u>.

### 2.1.1.2 Recovery plans

Available recovery plans for the Puerto Rican Boa can be found on the <u>ECOS species</u> <u>profile</u>.

### 2.1.1.3 Life history information

The color is somewhat variable but usually ranges from pale to dark brown, sometimes grayish, with 7O to 8O darker colored blotches along the back from neck to vent. These dorsal blotches are generally dark-bordered with the centers of a lighter hue. Maximum size is approximately 6 and a half feet. Observations of captive specimens suggest that under natural conditions the diet of sub-adults and adults consists of birds, small mammals, and lizards. Rodr¡guez and Reagan (1984) report bat predation by the Puerto Rican boa. The boa feeds by seizing the prey in its jaws, wrapping several coils around the victim, and then constricting until the prey has suffocated. The prey is then swallowed head first. The feeding habits of the very young are unknown.

#### Identified resource needs

Canopy cover

Canopy cover

Crevices

Crevices

#### 2.1.1.4 Conservation needs

The Boa is not expected to occur within the project area. However, if detected, the protocol established by the Service in those cases are to be followed.

#### 2.1.2 Environmental baseline

The environmental baseline describes the species' health within the action area only at the time of the consultation, and does not include the effects of the action under review. Unlike the species information provided above, the environmental baseline is at the scale of the Action area.

#### 2.1.2.1 Species presence and use

The Puerto Rican Boa is known to occur basically everywhere within the Island of Puerto Rico. However, being this a completely developed site, it is unlikely that the Boa finds suitable habitat here. In addition, it hasn't been identified in any of the visits to the site.

### 2.1.2.2 Species conservation needs within the action area

Do not apply

### 2.1.2.3 Habitat condition (general)

This is a completely developed area which not to be considered a natural habitat.

#### 2.1.2.4 Influences

This site was developed decades ago as a public school. The area is completely developed and vegetation limited to the planted as landscaping for the school.

### 2.1.2.5 Additional baseline information

Do not apply.

### 2.1.3 Effects of the action

This section considers and discusses all effects on the listed species that are caused by the proposed action and are reasonably certain to occur, including the effects of other activities that would not occur but for the proposed action.

#### 2.1.3.1 Indirect interactions

RESOURCE NEED	STRESSORS	CONSERVATION MEASURES	AMOUNT OF RESOURCE IMPACTED	INDIVIDUALS AFFECTED
Canopy cover (canopy cover)			This resource is not present in the action area Surveys and photos of the area.	There will be no impacts to this resource, so no individuals will be affected.
Crevices (crevices)			This resource is not present in the action area Survey and photos of the site.	There will be no impacts to this resource, so no individuals will be affected.

#### 2.1.3.2 Direct interactions

No direct interactions leading to effects on species are expected to occur from the proposed project.

### 2.1.4 Cumulative effects

The project, once finished, will have an institutional use just as the former school.

# 2.1.5 Discussion and conclusion

**Determination: NE** 

# **3 Critical Habitat Effects Analysis**

No critical habitats intersect with the project action area.

# **4 Summary Discussion And Conclusion**

# **4.1 Summary Discussion**

The project is not expected to have any impact on the Puerto Rican Boa. However, if detected at the site during construction activities, being the species widely distributed in the Island, all protocols of the USFWS are to be followed.

### 4.2 Conclusion

No impact is expected on the Boa, being this a developed area. If detected during construction, the protocol of the USFWS will be followed.



### **Self-Certification**

### http://www.fws.gov/caribbean/ES/Index.html

### **Endangered Species Act Certification**

The U.S. Fish and Wildlife Service, Caribbean Ecological Services Field Office developed a Blanket Clearance Letter in compliance with Endangered Species Act of 1973, as amended, and the Fish and Wildlife Coordination Act for federally funded projects.

The Service determined that projects in compliance with the following criteria are not likely to adversely affect federally listed species.

The Puerto Rico Department of Housing (PRDOH) certifies that the following project Lajas Activity Center (PR-CRP-000892) consisting of new construction of a sports and community exercise facility with an athletic and walking field, roller skating and exercise areas, other recreation areas and meeting rooms for sports clinics, health, and related conference, landscape, and parking; located by Road PR-117 Km. 0.2, Lajas, PR 00667, coordinates 18.042252, -67.050132, complies with:

Check	Project Criteria
	1. Street resurfacing.
	2. Construction of gutters and sidewalks along existing roads.
	3. Reconstruction or emergency repairs of existing buildings, facilities and homes.
	4. Rehabilitation of existing occupied single-family homes, and buildings; provided that equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation and that the lighting associated to the new facilities is not visible directly or indirectly from a beach.
	5. Demolition of dilapidated single-family homes or buildings; provided that the demolition debris is disposed in certified receiving facilities; equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation.

6. Rebuilding of demolished single-family homes or buildings, provided that the new construction is within the existing footprint of the previous structure and/or within pre- existing grassed or paved areas, and that the lighting associated to the new facilities are not visible directly or indirectly from a beach.
7. Activities within existing Right of Ways (ROWs) of roads, bridges and highways, when limited to actions that do not involve cutting native vegetation or mayor earth moving; and are not located within, or adjacent to, drainages, wetlands, or aquatic systems. These activities include the installation of potable water and sanitary pipelines.
8. Improvements to existing recreational facilities, including the installation of roofs to existing basketball courts, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
9. Construction of electric underground systems in existing towns and communities, provided that the property is not a wetland area and the lighting associated to the facilities are not visible directly or indirectly from the beach.
10. Construction of facilities on vacant properties covered with grasses in urban areas, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
11. Construction of houses, buildings or acquiring lands in urban areas covered by grass for relocation of low-income families and/or facilities that have been affected by weather conditions.

Ángel G. López-Guzmán Deputy Director

Permits and Environmental Compliance Division

Office of Disaster Recovery

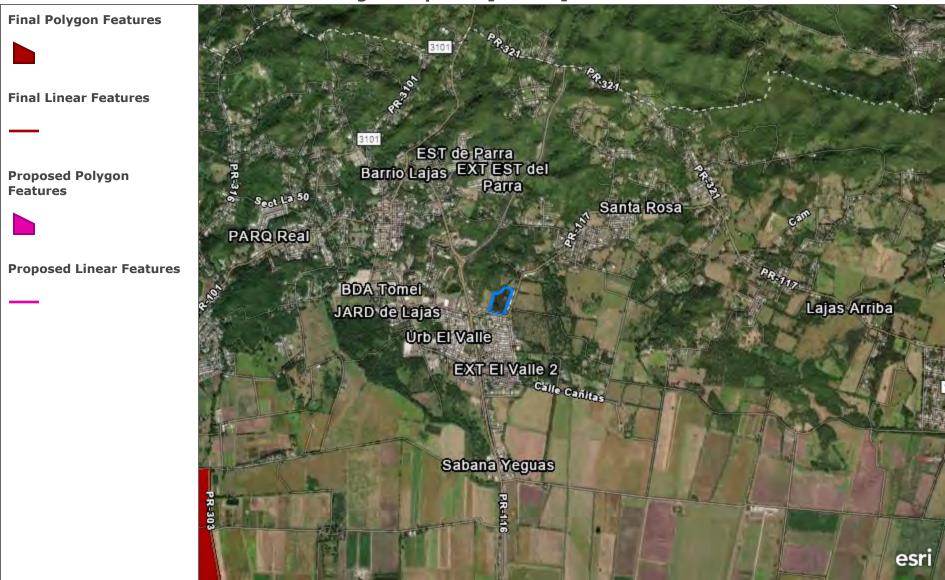
Address: P.O. Box 21365 San Juan, PR 00928 Telephone and Ext: 787-274-2527 ext. 4320 Email: environmentcdbg@vivienda.pr.gov th 6,202

Date

# Attachment 1

Maps

## **Critical Habitat for Threatened & Endangered Species [USFWS]**



A specific geographic area(s) that contains features essential for the conservation of a threatened or endangered species and that may require special management and protection.

Maxar | Esri Community Maps Contributors, Kadaster Netherlands, Esri, HERE, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, NPS, US Census Bureau

0.6mi



#### **Self-Certification**

http://www.fws.gov/caribbean/ES/Index.html

### **Endangered Species Act Certification**

The U.S. Fish and Wildlife Service, Caribbean Ecological Services Field Office developed a Blanket Clearance Letter in compliance with Endangered Species Act of 1973, as amended, and the Fish and Wildlife Coordination Act for federally funded projects.

The Service determined that projects in compliance with the following criteria are not likely to adversely affect federally listed species.

The Puerto Rico Department of Housing (PRDOH) certifies that the following project, Centro Multiuso Distrito Moca (PR-CRP-000670), consisting of the design and construction of a new two-story structure with an approximate area of 14, 995 square feet with parking area. It will include a ballroom-style hall with seating capacity of about 625 persons or 300 persons in banquet-style accommodations, the stage, and corridors, respectively. In addition to classrooms with mobile walls and the main activity room, other complementary spaces are the kitchen, dining room, storage area, administration office, and bathrooms on each level. The spaces will be adapted to various disciplines, such as music, art, dance, and other cultural activities. The halls will also be used for classes of various sports, and spaces for the exhibition of art crafts. During emergency events, the activity center will be used as operation center to provide services to citizens and, distribution of supplies and necessities. It will be a resilient structure with a water cistern, electric generator, or a renewable energy system. A small structure on sit will be demolished. The project is located at Mario Medina St and Don Chemary St, Moca, PR 00676; coordinates 18.392691, -67.111233; complies with

Check Project Criteria

□ 1. Street resurfacing.
□ 2. Construction of gutters and sidewalks along existing roads.
□ 3. Reconstruction or emergency repairs of existing buildings, facilities, and homes.

4. Rehabilitation of existing occupied single-family homes, and buildings; provided that equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation and that the lighting associated to the new facilities is not visible directly or indirectly from a beach.
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11. Construction of houses, buildings or acquiring lands in urban areas covered by grass for relocation of low-income families and/or facilities
that have been affected by weather conditions.

Ángel G. López-Guzmán Deputy Director

Permits and Environmental Compliance Division

Office of Disaster Recovery

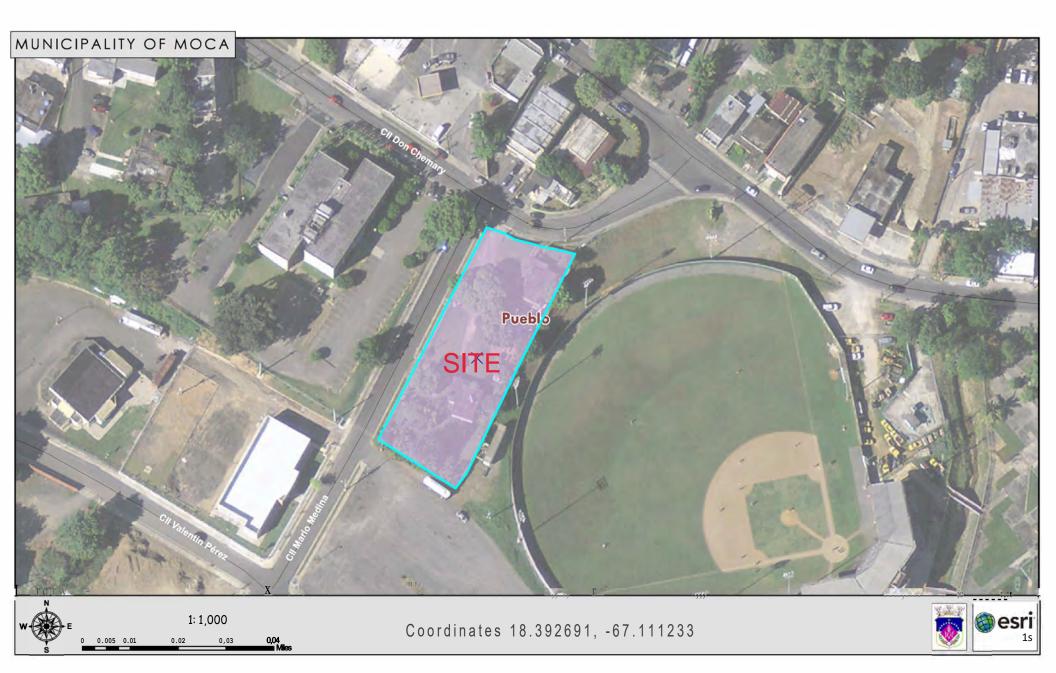
Address: P.O. Box 21365 San Juan, PR 00928 Telephone and Ext: 787-274-2527 ext. 4320 Email: environmentcdbg@vivienda.pr.gov Feb. 29,2024

Date

# Attachment 1

Location Map
Critical Habitat Map
Wetlands Map

## **Location Map**





## **Self-Certification**

http://www.fws.gov/caribbean/ES/Index.html

## **Endangered Species Act Certification**

The U.S. Fish and Wildlife Service, Caribbean Ecological Services Field Office developed a Blanket Clearance Letter in compliance with Endangered Species Act of 1973, as amended, and the Fish and Wildlife Coordination Act for federally funded projects.

The Service determined that projects in compliance with the following criteria are not likely to adversely affect federally listed species.

The Puerto Rico Department of Housing (PRDOH) certifies that the following project, *Plaza de Recreo* (PR-CRP-000742), consisting of improvements to the "Plaza Pública José A. Busigo" within the same footprint, including demolition and reconstruction of the following elements: sidewalks around the Plaza, parking spots located north and south of the San Isidro Catholic Church, bench areas, José Antonio Sepúlveda's pavilion platform, concrete and ceramic floor slabs, planters, concrete catch basin and swales around the plaza, stairs, and access ramps to the Plaza rebuilt to current building codes; located at Road #364 and Betances St, Sabana Grande, PR 00637; coordinates 18.079472, -66.960000; complies with:

Check	Project Criteria
	1. Street resurfacing.
	2. Construction of gutters and sidewalks along existing roads.
	3. Reconstruction or emergency repairs of existing buildings, facilities, and homes.
	4. Rehabilitation of existing occupied single-family homes, and buildings; provided that equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation and that the lighting associated to the new facilities is not visible directly or indirectly from a beach.

5. Demolition of dilapidated single-family homes or buildings; provided that the demolition debris is disposed in certified receiving facilities; equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation.
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9. Construction of electric underground systems in existing towns and communities, provided that the property is not a wetland area and the lighting associated to the facilities are not visible directly or indirectly from the beach.
10. Construction of facilities on vacant properties covered with grasses in urban areas, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
11. Construction of houses, buildings or acquiring lands in urban areas covered by grass for relocation of low-income families and/or facilities that have been affected by weather conditions.

Ángel G. López-Guzmán Deputy Director

Permits and Environmental Compliance Division

Office of Disaster Recovery

Address: P.O. Box 21365 San Juan, PR 00928 Telephone and Ext: 787-274-2527 ext. 4320 Email: environmentcdbg@vivienda.pr.gov

March 4,2024

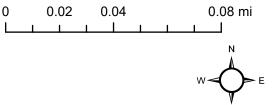
Date



# **Location Map**









## **Self-Certification**

## http://www.fws.gov/caribbean/ES/Index.html

## **Endangered Species Act Certification**

The U.S. Fish and Wildlife Service, Caribbean Ecological Services Field Office developed a Blanket Clearance Letter in compliance with Endangered Species Act of 1973, as amended, and the Fish and Wildlife Coordination Act for federally funded projects.

The Service determined that projects in compliance with the following criteria are not likely to adversely affect federally-listed species.

The Puerto Rico Department of Housing (PRDOH) certifies that the following project **Demolición y Construcción Plaza del Mercado** (PR-CRP-000521), consisting of the demolition of the existing structure of approximately 9,131 square feet, to make way for a new construction made of 6 small sales outlets "kiosks", bathroom facilities, reforestation and green areas, a fountain at facility entrance, fixed mobiliary, construction of sidewalks and access ramps in compliance with ADA regulations; located on José Pérez Soler Street, with San Carlos Street, Quebradillas, PR 00678, coordinates 18.472044, -66.938416, complies with:

Check	Project Criteria
	1. Street resurfacing.
	2. Construction of gutters and sidewalks along existing roads.
	3. Reconstruction or emergency repairs of existing buildings, facilities and homes.
	4. Rehabilitation of existing occupied single-family homes, and buildings; provided that equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation and that the lighting associated to the new facilities is not visible directly or indirectly from a beach.
	5. Demolition of dilapidated single-family homes or buildings; provided that the demolition debris is disposed in certified receiving facilities; equipment storage or staging areas are not located on vacant property harboring a wetland and/or forested vegetation.

6. Rebuilding of demolished single-family homes or buildings, provided that the new construction is within the existing footprint of the previous structure and/or within pre- existing grassed or paved areas, and that the lighting associated to the new facilities are not visible directly or indirectly from a beach.
7. Activities within existing Right of Ways (ROWs) of roads, bridges and highways, when limited to actions that do not involve cutting native vegetation or mayor earth moving; and are not located within, or adjacent to, drainages, wetlands, or aquatic systems. These activities include the installation of potable water and sanitary pipelines.
8. Improvements to existing recreational facilities, including the installation of roofs to existing basketball courts, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
9. Construction of electric underground systems in existing towns and communities, provided that the property is not a wetland area and the lighting associated to the facilities are not visible directly or indirectly from the beach.
10. Construction of facilities on vacant properties covered with grasses in urban areas, provided that the lighting associated to the facilities are not visible directly or indirectly from the beach.
11. Construction of houses, buildings or acquiring lands in urban areas covered by grass for relocation of low-income families and/or facilities that have been affected by weather conditions.

Ángel G. López-Guzmán Deputy Director

Permits and Environmental Compliance Division

Office of Disaster Recovery

Address: P.O. Box 21365 San Juan, PR 00928 Telephone and Ext: 787-274-2527 ext. 4320 Email: environmentcdbg@vivienda.pr.gov Feb. 29,2024

Date

# Attachment 1

Maps

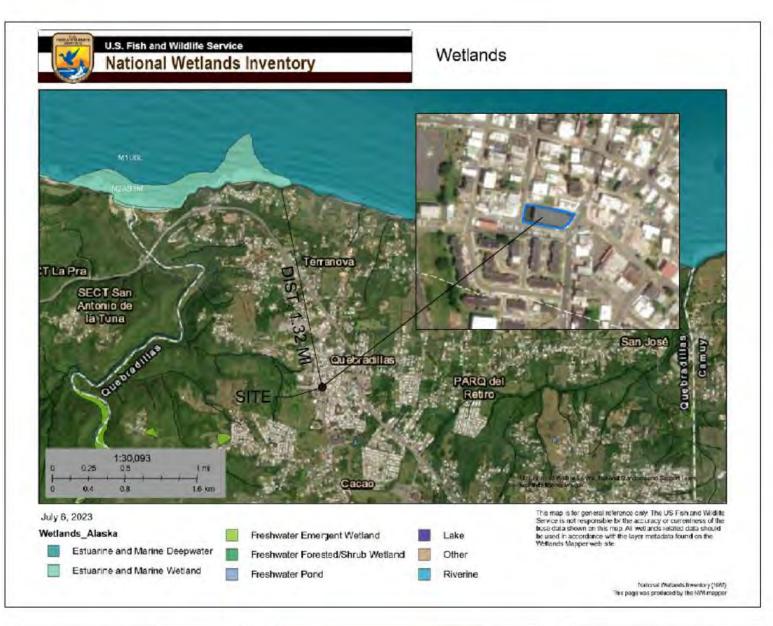


# **PROJECT MAP**

## PR-CRP-000521

Plaza para usos Múltiples, Beningno Pérez Soler, Quebradillas, PR





## MUNICIPIO DE QUEBRADILLAS



# **VETLANDS AND RIPARIAN**

SELF CERTIFICATION

## Ingenieros del Oeste C.S.P.

Calle José de Diego #65, Aguadilla PO BOX 4448 Aguadilla, P.R. 00605 Tel/Fax: 787 891-8256 ingenierosdeloestecsp@gmail.com



## PR-CRP-000521

PROJECT:

Plaza para usos Multiples, Benigno Perez Soler, Quebradillas, PR



## **GOVERNMENT OF PUERTO RICO**

## STATE HISTORIC PRESERVATION OFFICE

Executive Director | Carlos A. Rubio Cancela | carubio@prshpo.pr.gov

Friday, September 13, 2024

## Lauren B Poche

269 Avenida Ponce de León, San Juan, PR, 00917

SHPO-CF-09-09-24-01 PR-CRP-000742 (Sabana Grande), Plaza de Recreo Project

Dear Ms. Poche,

We acknowledge receipt of your submittal letter, updated design plans and archaeological monitoring plan, dated September 9, 2024, regarding the above referenced project. After a review of all the documentation provided, the PRSHPO concurs with your determination that the proposed project will have no adverse effect on historic properties for this undertaking conditioned to archaeological monitoring during ground disturbing activities for the project. The plan is deemed acceptable, and we concur with its implementation. Please note that should the Agency discover other historic properties at any point during project implementation, you should notify the SHPO immediately. If you have any questions concerning our comments, do not hesitate to contact our Office.

Sincerely,

Carlos A. Rubio Cancela

State Historic Preservation Officer

CARC/GMO/ EVR







Arch. Carlos A. Rubio Cancela

Executive Director Puerto Rico State Historic Preservation Office Cuartel de Ballajá, Third Floor San Juan, Puerto Rico 00901

Re: Authorization to Submit Documents for Consultation

Dear Arch. Rubio Cancela,

The U.S. Department of Housing (HUD) approved the allocations of Community Development Block Grant (CDBG-DR) funds on February 9, 2018. It also approved the allocation of Community Development Block Grant Mitigation (CDBG-MIT) funds on January 27, 2020. The purpose of these allocations is to address unsatisfied needs as a result of Hurricanes Irma and Maria in September 2017; and to carry out strategic and high-impact activities to mitigate disaster risks and reduce future losses.

To comply with the environmental requirements established by HUD, the Department of Housing of Puerto Rico (PRDOH) contracted Horne Federal LLC to provide environmental review services, among others, that will support the objectives of the agenda for both CDBG-DR and CDBG -MIT Programs.

To expedite the processes, Horne Federal LLC, is authorized to submit to the State Historic Preservation Officer, documentation of projects related to both the CDBG-DR and CDBG-MIT on behalf of PRDOH.

Cordially,

Aldo A. Rivera Vázquez, PE

Director

Division of Environmental Permitting and Compliance

Office of Disaster Recovery



September 9, 2024

Carlos A. Rubio Cancela State Historic Preservation Officer Puerto Rico State Historic Preservation Office Cuartel de Ballajá (Tercer Piso) San Juan, PR 00902-3935

## Puerto Rico Disaster Recovery, CDBG-DR City Revitalization (City-Rev) Program

Re: SHPO-CF-05-08-24-09 – PR-CRP-000742, Plaza de Recreo Project, Sabana Grande, Puerto Rico – Design Adjustments and Archaeological Monitoring Plan Submission – *No Adverse Effect, Conditioned* 

Dear Architect Rubio Cancela.

On behalf of the Puerto Rico Department of Housing (PRDOH), we thank you for your letter dated June 7, 2024 in regards to the proposed renovations regarding the proposed Sabana Grande Plaza de Recreo Project. The letter began by stating that "the Puerto Rico State Historic Preservation Office considers all town centers, beginning with, but not limited to, the plaza "spaces" and the streets that conform it, to be eligible for inclusion in the National Register of Historic Places under the criteria A - Association with events that have made a significant contribution to the broad patterns of our history and criteria C - Embodiment of the distinctive characteristics of a type, period and method of construction as urban development. These cores, their urban grid (blocks and streets) and their relationship with the built and open spaces are associated with each town's founding, its development and history."

Concerns regarding the proposed design were raised in the received letter as previous interventions were made to the plaza without consideration of the historical resource and its context, and those changes affect the relationship as an open space with its context. Specifically:

These include creating parking areas inside the limits of the square, designs that do not acknowledge the history or the relationship with the square and its surroundings, and the construction of a stage with bathrooms, a building within the open space. The proposed project, instead of improving these interventions, contributes to perpetuating the lack of



consideration to the historical spatial value of the urban square. The PRSHPO would like to emphasize that all interventions carried out on the Plaza de Recreo of Sabana Grande must comply with the Secretary of the Interior's Standards for Rehabilitation, explicitly, Standards 9 and 10.

We wish to highlight the following recommendations provided by the Standards for Rehabilitation:

- 1. It is necessary to identify, retain, and preserve landscape features that are important in defining the overall historic character of the setting.
- 2. The new design needs to retain the historic relationship between buildings and landscape features in the setting.
- 3. When introducing new construction, it must be visually compatible in terms of size, scale, design, material, or color, to not destroy the historic relationships on the site, or damage or destroy important landscape features, such as replacing a lawn with paved parking areas or removing mature trees.
- 4. It is not recommended to add a new building or landscape feature that is visually or otherwise incompatible with the setting's historic character.

As a result of this letter, the Municipality of Sabana Grande requested an in-person site visit with PRSHPO staff to discuss the proposed undertaking and address changes. Staff from the Grant Manager, HORNE Puerto Rico, and the Region 1 Program Manager, Tetra Tech, also attended the site visit. The above concerns were discussed in depth between the stakeholders, and the results were addressed by the municipality's designer in the attached revised plan drawing (Attachment 1). These changes to the originally submitted design include the change to a more reserved pattern on the plaza floor from the abstract pattern to a centered herringbone pattern between the stage and church, the removal of the permanent kiosk, and the areas on the sides of the San Isidro Church will remain as is.

Based on the updated changes, the Program believes that a determination of "No Adverse Effect" is appropriate for this undertaking, conditioned to archaeological monitoring for all ground disturbing activities. An archaeological monitoring plan has been prepared and is attached to this submission for review and approval of appropriateness for implementation.



Please contact me with any questions or concerns by email at <a href="mailto:lauren.poche@horne.com">lauren.poche@horne.com</a> or phone at 225-405-7676.

Kindest regards,

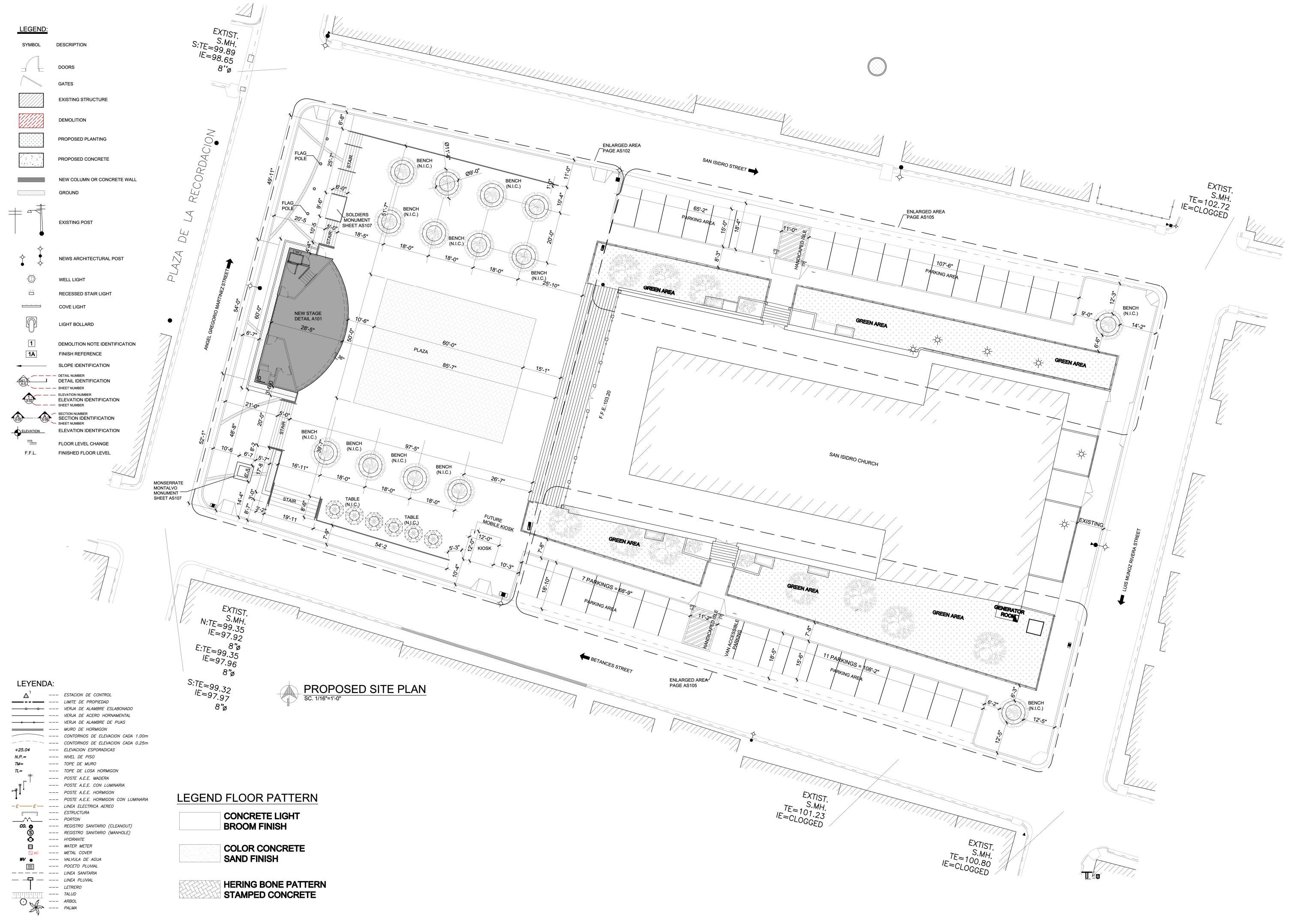
Lauren Bair Poche. M.A.

Architectural Historian, EHP Senior Manager

Attachments

# PR-CRP-000742 Plaza de Recreo Project Sabana Grande, Puerto Rico

Updated Proposed Site Plan



PLAZA PUBLICA JOSE A. BUSIGO LOCATED AT BETANCES STREET SABANA GRANDE, PUERTO RICO CVS CONSULTAN AND PROJECT MANAGEMENT CVS CONSULTANT & PROJECT MANAGEMENT CALLE ANTONIO LÓPEZ #115, HUMACAO, P.R., 00792 TEL. 787-430-8031 EMAIL: cvsconsultantpr@gmail.com ENGINEERING STAMP DATE M/D/YEAR 7/02/2024

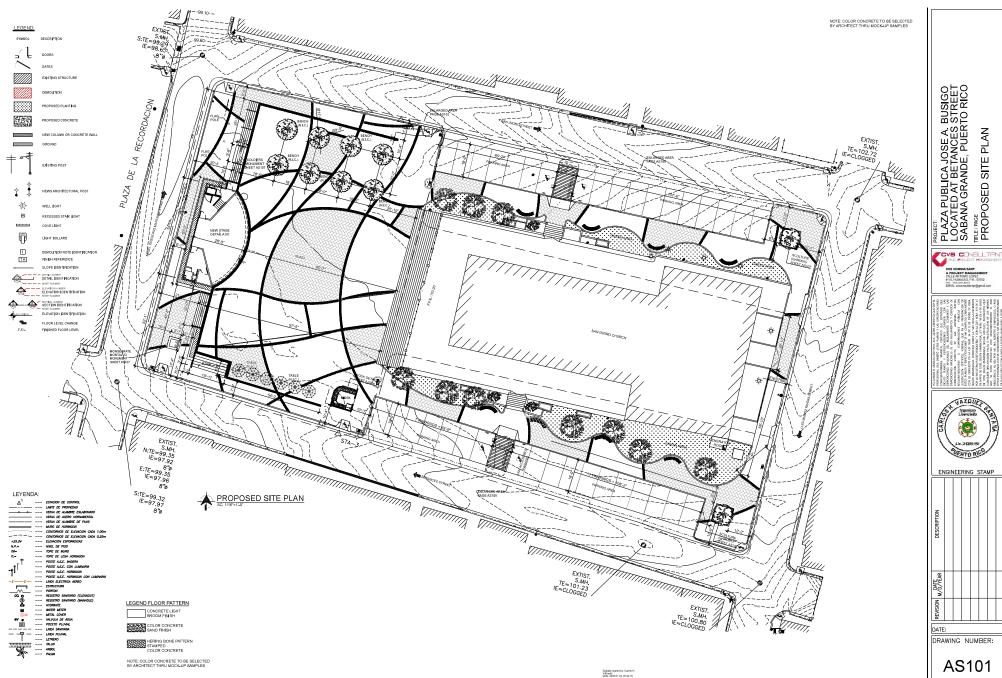
DATE:

DRAWING NUMBER:

**AS101** 

# PR-CRP-000742 Plaza de Recreo Project Sabana Grande, Puerto Rico

Original Proposed Site Plan



CVS CONBLETEN

# PR-CRP-000742 Plaza de Recreo Project Sabana Grande, Puerto Rico

Archaeological Monitoring Plan

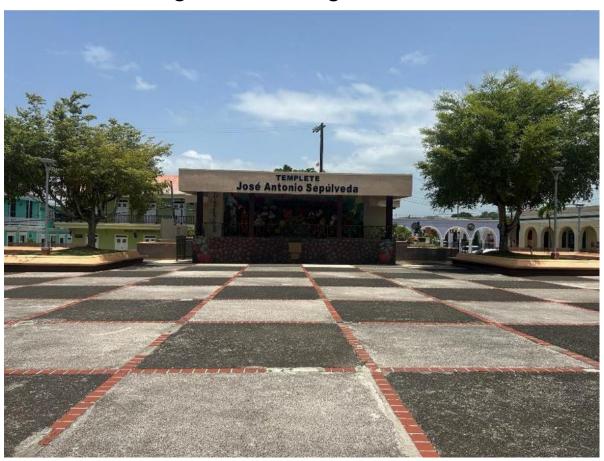
# PRDOH CDBG-DR CRP Plaza de Recreo Sabana Grande, Puerto Rico PR-CRP-000742

SHPO-CF-05-08-24-09

OGPe: 2023-502576-SRA-072725

ICP-PAE: SD-23-531

## **Archaeological Monitoring and Protection Plan**



Roberto G. Muñoz-Pando, PhD Archaeologist – Tetra Tech Inc. Sharon Meléndez Ortiz, MA Archaeologist - Contractor – HORNE PR

## I. Preamble

The Municipality of Sabana Grande is seeking Community Development Block Grant disaster recovery funds financed by the federal Department of Housing and Urban Development due to damage received by the 2017 Hurricanes Irma and Maria. The Puerto Rico Department of Housing (PRDOH) has established an Agreement between PRDOH and the Municipality of Sabana Grande for the City Revitalization Program as part of the Community Development Block Grant for Disaster Recovery (CDBG-DR) Program. The municipality proposes the demolition and reconstruction of Sabana Grande's "Plaza Pública José A. Busigo" (Figure 1). The State Historic Preservation Officer (SHPO) agreed with an Archaeological Monitoring of the project activities while the Institute of Puerto Rican Culture (IPRC) consultation is ongoing.

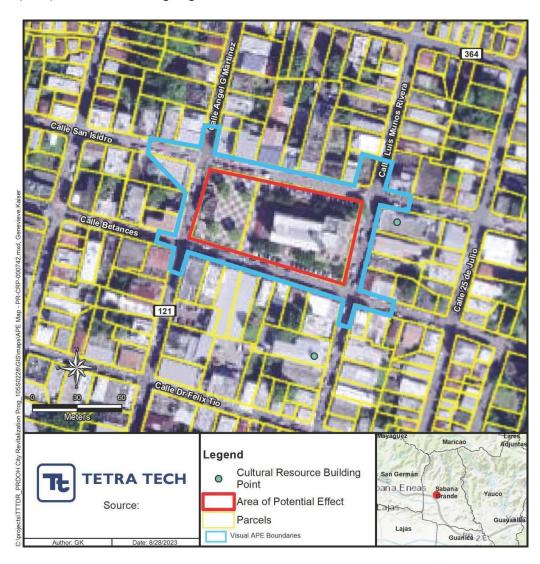


Figure 1: Area of Potential Effect (APE) and Visual APE (From López Schmid and Muñoz-Pando 2024:16).

The objectives of this archaeological monitoring and protection plan are: (1) to establish the protocol to be followed in archaeological monitoring; (2) to establish the protocol to be followed if previously unknown resources are identified; (3) to establish the protocol to be followed if there are any unexpected or previously unanticipated adverse effects; (4) to locate, evaluate and document archaeological resources during project development; (5) to recover as much archaeological information as possible during excavation and construction; (6) to conserve and enhance the value of the archaeological resources located and documented; (7) in the event that the archaeological resource cannot be conserved in situ, to conserve it through documentation (preservation by record); and (8) to monitor the effect of the vibration caused by project activities to the surrounding historic buildings.

This document complies with applicable federal and state laws, regulations, and guidelines, and is consistent with the Secretary of the Interior's (SOI) Guidelines for Archeological Documentation, the Advisory Council on Historic Preservation's (ACHP) recommendations on the recovery of significant information from archaeological sites as updated in 2009, and Regulation #8932 of the Institute of Puerto Rican Culture (ICP). The plan was prepared by archaeologist Roberto G. Muñoz-Pando, who meets the Professional Qualifications Standards set forth in 36 CFR Part 61 and archaeologist Sharon Melédez Ortiz who also meets the Professional Qualifications Standards set forth in 36 CFR Part 61 and furthermore is listed as an archaeologist by the Council for the Protection of Earth Archaeological Heritage (Council) to conduct Phase I, Phase II, and Phase III studies.

## II. Project Description

The Municipality of Sabana Grande proposes the demolition and reconstruction of the "Plaza Pública José A. Busigo" within the same footprint. The existing elements to be demolished, using the mechanical method, in this project area include: the sidewalks around the Plaza, parking spots (regular and handicapped parking) located north and south of the San Isidro Catholic Church, bench areas, the platform of José Antonio Sepúlveda's pavilion. Additionally, the concrete and ceramic floor slabs, planters, concrete catch basin and swales around the plaza, stairs, and ramps for handicapped access to the Plaza will be razed. All these elements will be rebuilt to current building codes and otherwise relocated. The anticipated ground disturbance depth for demolition and construction activities is 3 feet according to the current proposed design.

The new design proposes a clean new and improved vision of the Plaza. These new elements will include the construction of improved and level sidewalks around the Plaza, Re-pavement and marking of parking spaces around the plaza on north and south of the San Isidro Catholic Church, new bench areas, a new platform, new concrete flooring at the plaza, new planters, reconstruction and leveling of all curbs around the plaza, reconstruction of stairs accessing the plaza as well as handicap ramps into the sidewalks and plaza. Construction of a new kiosk, and the replacement of luminaries to use solar poles. The two existing monuments in the Plaza "Doña Monserrate Montalvo" and "El Soldado"

will be removed prior to the start of the project, kept in a safe place, and once the project is completed, they will be relocated to the Plaza. This project will not impact the San Isidro Labrador Catholic Church, including the steps leading up to it, nor the gardens on either side of the structure. Prior to any action, a protective fence will be established around the church so that demolition and construction work will not affect it. Temporary and safe access for visitors will also be provided during project development.

The architectural modernization of the square with its renewed green areas and the redistribution of its areas is expected to increase the number of residents who will visit the urban area of the Municipality. The redistribution of space will improve the flow of people and the optimization of its areas to celebrate public activities for a greater number of people than it can currently accommodate. The redevelopment would include the sidewalk around the San Isidro Labrador Catholic Church and the existing floor of the Plaza. Attached to the *Plaza de Recreo*, is the *Plaza de la Recordación*, which was built and located to the south of the public square, this square is designed remembering the old Vicente Soltero School that was located in that place and the front and side of it were in arches. This square has a set of architectural aspects and vegetation that are expected to be part of the new general design of the square, unifying its visual aspect.

Part of the project would be for the public plaza and the plaza of remembrance to come together to form an economic corridor. With the construction of the new pavilion, it is proposed to leave an open space on the wall on the west side to achieve an effect that the Church can be observed as a photo frame. One of the main functions of the temple is the celebration of the Petate Festival. Regarding the statues of the Petate Weaver and the Veterans Monument, they will not be removed from the Plaza and will form an integral part of the new design of the Recreation Plaza. Additionally, the Recreation Plaza will have a kiosk for the sale of natural juices, ice creams, and fruits.

## III. Archaeological Potential and Historic Properties

The information below is taken from the Section 106 NHPA Effect Determination Form completed by architect María F. López Schmid and archaeologist Roberto G. Muñoz-Pando in 2024.

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), is presented in this section of the form.

There are 2 known previously identified cultural resource sites within the project area. [1] The "Iglesia San Isidro el Labrador y Santa María de la Cabeza" is 0.03 miles east of the project area and its ID numbers are SG 0200019 and SE-29. Its importance is due to Historic/Infrastructure/Religious context, and it is included in the National Register of Historic Places (NRHP). [2] The "Plaza Pública Sabana Grande José A. Busigo" is located at coordinates 18.079460, -66.95999 (it is the APE). The

space reserved for the plaza dates back to the year 1814 when seventy acres of land were donated to establish the town. The buildings that shape the space were fully established around 1910. The archaeological potential of this plaza is considered moderate since even though the projected ground disturbance for this undertaking is located on the same general area as previous ground disturbances [See Maps section for spatial references of the location of the archaeological sites], the plaza itself has been there for a significant amount of time and further excavations may uncover new information on its layout prior to the available aerial imagery of the 1930s. Also, the plaza and its surroundings, being on the general central area of the early town, makes it probable that they can contain information about early colonial occupation of the city of Sabana Grande.

Table 1- Historic Sites with archaeological potential within the APE

Name	ID Numbers	Description	Distance/ Direction	NRHP Status
Iglesia San Isidro el Labrador y Santa María de la Cabeza	SG 0200019 and SE-29	Its importance is due to Historic/ Infrastructure / Religious context	0.03 miles east	Included
Plaza Pública Sabana Grande José A. Busigo	No data	Dates to around the founding of the town circa 1814	0.0 Miles (It is the APE)	Eligible

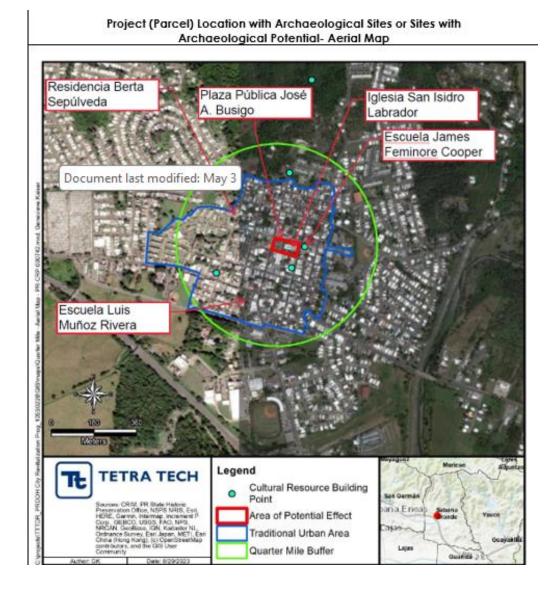
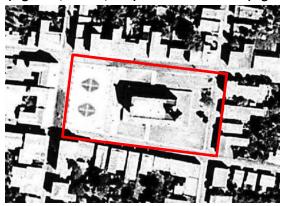


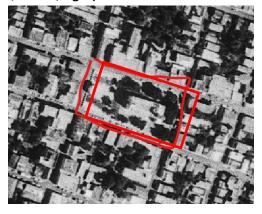
Figure 2: Project (Parcel) Location with location of sites with Archaeological Potential (From López Schmid and Muñoz-Pando 2024:22).

There are six known previously performed cultural resource surveys within the quarter-mile buffer of the APE. There is one known previously performed cultural resource surveys in 1988 by Osvaldo García Goyco within a quarter-mile radius of the project area that turned out with positive results that were bricks out of context. [1] In 1988, Osvaldo García Goyco led a Phase 1B investigation that came out positive for cultural resources when some brick fragments out of context were found. This cultural resource survey was titled "Sanitary Sewer System for Rayo Community (Las Guaras) and Minillas," located 0.23 miles southwest of the APE, and with ID Codes EAP 3725 and ICP/ CAT-SD-88-01-05. The other five previously performed archaeological surveys within the quarter mile buffer of the APE yielded negative results.

The Sabana Grande Public Plaza has been redesigned numerous times since its delimitation in the early 1800s. The aerial photographs of the plaza shown below (Figures 3 to 6) demonstrate that the plaza area has been subject to ground disturbance at least in three separate occasions since its original delimitation circa 1910. In the 1930's photo (Figure 3) some different architectural patterns can be seen when compared to the 1975 photo (Figure 4). Architectural elements associated with earlier gardens, surfaces with different finishes, perimeter walls, among others can be found during project activities.

See below the aerial images showing the evolution of the Sabana Grande Public Plaza in the 1930s (Figure 3; below, left) and then in 1975 (Figure 4; below, right).





The 1993 aerial image of the Public Plaza of Sábana Grande (Figure 5; below, left) shows a different design from the 1975 aerial image and the 1990s design remains today (Figure 6; below, right).





The program finds that the project area would benefit by an archaeological monitoring during the process to prevent potential damage to the present archaeological sites and historic structures as well as to prevent the potential destruction of any unexpected finds. The areas archaeological potential is moderate, and the program considers that an archaeological monitoring would be the best alternative for preserving any potential information unearthed during any ground disturbing activities.

## IV. Archaeological Monitoring Procedure

The monitoring activities can be divided into three groups: activities before the project begins, activities during construction, and post-construction activities. Monitoring is limited to activities that entail demolition, excavations, and earth movements. Reconstruction activities that do not entail excavations or earth movements do not require an archaeological monitor.

## A. Before Demolition Begins

- 1. The Construction Manager (CM) will notify the Project Manager (PM), Grant Manager (GM), and Monitor of the proposed activities' start date. The PM is responsible for coordination between the CM and the SOI-qualified archaeologist who will oversee the monitoring (Monitor). The GM shall notify the SHPO and PAE of the construction start date and the archaeology company charged with implementing this Plan.
- **2.** Before any demolition or construction begins, the construction crew, inspectors, the GM, and Monitor will have a kickoff meeting to discuss the procedure for archaeological monitoring, including the coordination protocol between the Monitor and the Contractor. The Monitor will provide an orientation on the area's cultural resources and potential resources and their proper treatment. The Monitor will also explain which demolition activities require archaeological monitoring.
- **3.** The CM, PM, and construction crew will complete and sign a statement outlining the activities that may not be performed without the Monitor's presence, demonstrating their understanding and commitment to following the archaeological monitoring procedures.
- 4. The monitor shall document the NRHP-eligible or listed historic properties located within the direct and visual APE through detailed descriptions and photos. This data must be included in the final report and should be compared with the conditions of the properties after the project is completed. This documentation shall be included as an appendix to the first weekly report. This report will be submitted to the PAE with the first monthly report.
  - B. During Demolition and Reconstruction
  - 1. The Monitor shall be in the field during all project activities involving demolition and ground disturbance; access and clear sightlines to all demolition and excavation activities and debris removal will be provided to the Monitor.
  - 2. The Monitor shall provide instructions directly to the construction field personnel concerning how to proceed when there is a potential to impact an archaeological resource. The construction field personnel will abide by these requests: excavate slowly, stop the excavation work to evaluate a finding, etc.
  - 3. The Monitor shall:
    - a. Keep a record of monitored activities.
    - b. Fill out the Daily Record of Activities Form (see Appendix A). These Forms will be attached to the final memo report as an appendix. These forms should be sent weekly to the GM for review.

### 4. The Monitor shall:

- O. Document all the archaeological remains identified during construction activities, except for historically significant findings (refer to IV.B.6 below). The documentation shall include a detailed description of the discovery, context, horizontal and vertical provenience, photos, and drawings, if necessary. The monitor shall include the location of the identified remains in a plan drawing. This documentation shall be done within a reasonable amount of time, trying not to impact the project schedule as much as possible.
- b. Any subsurface feature may be demolished and removed after being documented by the Monitor and approved by the GM. The information recorded will be included in the final report.
- C. The documentation may require extending the contractor excavations to expose and define the finds. Associated stratigraphy will be documented and representative samples of associated artifactual material will be recovered. For structural remains, construction materials and techniques will be documented. The controlled units may vary in size according to the nature and dimensions of the archaeological find. These will be excavated by strata, cultural or natural, with vertical and horizontal control. When warranted, the removed soil will be sifted through ¼ inch mesh. The recovered artifactual material will be bagged and labeled by specific origin. It shall proceed in accordance with the protocol included in item B-7.
- 5. A monthly report will be prepared, including photos of the area of interest. The report shall be emailed to the GM during the week following the month in which the monitoring was conducted. The PRDOH or the GM on behalf of PRDOH will be responsible for submitting the report to the SHPO and the PAE.
- 6. If the identified archaeological remains are considered historically significant—i.e., complex structures or stratified deposits the Monitor shall instruct the construction crew to (1) immediately cease work in the vicinity of the discovery, (2) take all reasonable measures to avoid or minimize harm to the property, and (3) notify the PM, CM, and GM. The GM shall immediately notify the PAE and the SHPO, per stipulation III.B.1.b. of the PA. The following protocol shall be followed:
  - a description of the discovery, location, horizontal and vertical extent (if known), context, photographs, and drawings, as deemed necessary. The assessment shall also include a work plan for implementing an NRHP-eligibility evaluation of the historically significant remains.
  - b. The assessment and NRHP-eligibility evaluation work plan shall be submitted via email to the PM and GM within 24 hours of the discovery. The GM will comment on the work plan within 24 hours of receiving it.
  - C. The Monitor shall implement the work plan after receiving the GM's authorization to proceed. After completing the fieldwork, the Monitor shall prepare an End of Field Report, summarizing the results. Said report should include an NRHP-eligibility determination. The End of Field Report shall be submitted via email to the PM and GM within 48 hours after completing the fieldwork.
  - d. The GM shall notify the PAE and the SHPO of the NRHP-eligibility determination.
    - i. If the finding **is not eligible** to the NRHP, the GM shall notify the PAE and the SHPO and provide supporting documentation. Construction activities may resume under archaeological monitoring unless the SHPO or PAE disagrees with the NRHP determination and makes a timely objection within 48 hours of the notification.
    - ii. If the finding **is eligible** to the NRHP, the criteria of adverse effect shall be applied. If the project activities do not adversely affect the finding, the GM shall notify the PAE and the SHPO and provide supporting documentation. Construction activities may

- resume under archaeological monitoring unless the SHPO or the PAE makes a timely objection within 48 hours of the notification.
- iii. If the project activities have an adverse effect on the NRHP-eligible finding, a Data Recovery will be implemented as a Treatment Measure per Appendix F of the PA. The Monitor shall develop a data recovery plan with a research design consistent with the Secretary of the Interior's Guidelines for Archeological Documentation (<a href="http://www.nps.gov/history/locallaw/arch\_stnds\_7.htm">http://www.nps.gov/history/locallaw/arch\_stnds\_7.htm</a>) and the ACHP's recommendations on the recovery of significant information from archaeological sites as updated in 2009, at <a href="https://www.achp.gov/protectinghistoricproperties/Section\_106\_Archaeology\_Guidance">https://www.achp.gov/protectinghistoricproperties/Section\_106\_Archaeology\_Guidance</a>, and Regulation #8932 The data recovery plan shall be submitted via email to the GM for comments. The GM shall be responsible for submitting the data recovery plan to the SHPO and PAE for comments and approval. This treatment measure does not apply to burials or human remains (refer to section IV, letter D of this work plan).
- 7. If any additional construction activities are added or design changes are made after the project has begun, the CM and PM, prior to performing the work, shall inform the GM and the Monitor. The Monitor, in conjunction with GM, shall evaluate these activities and apply the adverse effect criteria. If it is determined that the effect is adverse, the archaeologist will provide recommendations on how to avoid, minimize, or mitigate the adverse effect. These recommendations will be consulted with the SHPO prior to implementation. The SHPO will have 15 days to comment on the recommendations. If no communication is received within that time frame it will be assumed that the SHPO has no objection and concurs with the recommendations outlined.
- 8. If during construction activities a historic property is affected in an unanticipated manner, the CM shall stop work immediately, and inform the PM, GM and Monitor. The Monitor, in conjunction with GM, shall evaluate the unanticipated effects and apply the adverse effect criteria within no more than 24 hours. If the effect is determined to be adverse, the Monitor and GM will provide recommendations on how to avoid, minimize, or mitigate such adverse effects. The GM shall consult with the SHPO and the PAE on the recommendations prior to implementation. The SHPO will have 48 hours to comment on the recommendations. If no communication is received within that timeframe, it will be understood that the SHPO and the PAE has no objection and concurs with the recommendations outlined.
- 9. If architectural features are found, as far as possible, the finding should be preserved and protected, and every effort should be made to adapt the design of the project and avoid negative impact to the finding.
- 10. Processing of archaeological artifacts, if any, will be conducted concurrently with the field work. A summary of these activities shall be included in the monthly report. Artifacts shall be curated and processed in accordance with the standards set forth in 36 CFR Part 79 Curation of Federally-Owned and Administered Archaeological Collections.
  - a. Artifacts shall be washed and sorted. Materials such as ceramics, lithics, shell, bone, glass, metal, and others, should be subject to general analysis considering aspects such as material, manufacture, style, function, type, variety, use, and others. Due to their nature, some of these materials require

specialized analysis such as studies of malacology, zooarchaeology, bioarchaeology, among others, which should be carried out by specialists. The classification scheme used in the classification will be chosen by the archaeologist according to the context, type of material recovered and previous experience. The classification scheme shall be referenced with available bibliographic references.

- b. The materials laboratory shall include a quantitative, qualitative, and comparative analysis of all archaeological materials recovered during archaeological monitoring. An inventory of artifacts by category, and a catalog of artifacts by material type shall be prepared.
- c. Photographic documentation shall be made of representative artifacts in the collection.
- d. If necessary, documentary research will be conducted for analysis and interpretation of artifacts and other finds.
- e. Samples from strata or from cultural elements must be properly packaged, labeled, and preserved. The data resulting from their analysis must be included in the final report.

### C. After Construction Ends

- 1. Upon the completion of archaeological monitoring, the PM and GM shall be notified. The estimated date of delivery of the final report shall be indicated in the said notification.
- 2. The Monitor shall again document the historic properties located within the project's area of potential effects. The condition of the properties should be compared with those documented at the beginning of the project. This documentation shall be included in the final technical report.
- 3. The Monitor shall prepare an Archaeological Supervision End of Field Report, which shall include the main findings and their location, the methodology used for their excavation and documentation, conclusions on the effectiveness of the archaeological supervision, the integrity and importance of the archaeological resources discovered, meritorious protection aspects and clear recommendations as to the course of action to be followed. It should also include the date of delivery of the Final Report. This report will be delivered to the GM. The GM shall be responsible for submitting it to the SHPO and the PAE. The report shall be submitted to the GM no later than two (2) weeks after completing the archaeological monitoring work. The GM shall submit the report to the SHPO and PAE no later than one (1) week after receiving it.
- 4. A Final Archaeological Monitoring Report shall be prepared and submitted by the date stipulated in the End of Field Report. This report shall include a description of the work performed, the construction activities that were archaeologically monitored, and documentation of unexpected finds, if any. It should also include final documentation of the condition of the properties along with a comparison of the final condition of the structures to the initial condition. The report shall comply with Article 10 Section 8 of Regulation #8932, which outlines the content and format it should have.
  - a. If the Final Archaeological Monitoring Report cannot be delivered on the established date, an extension of time will be requested from the Council, indicating the reasons why the report cannot be delivered. The request for extension shall be submitted, to the extent possible, fifteen

- (15) working days prior to the established date. The Council shall reply within fifteen (15) working days, in accordance with the provisions of Article 10 Section 7 of Regulation #8932, setting a final deadline for the delivery of the report. The request for extension of time must be copied to the SHPO.
- 5. The Principal Investigator will be responsible for retaining his or her original field notes, digital photographs, expert reports, drawings, maps and any other digital photographs, expert reports, drawings, maps, and any other documents associated with the study conducted (including digital files) and shall ensure future reference by other researchers for future reference. If unable to keep these documents, the archaeologist shall deliver them to the PAE.

### D. Human Remains

If human remains are discovered, the protocol established in Stipulation III.B.1.c. of the PA and IPRC Regulation #8932, must be followed:

- 1. Stop work immediately.
- 2. Notify the local law enforcement office and coroner/medical examiner following applicable Commonwealth statute(s).
- 3. Protect the remains from any harm.
- 4. The GM shall be responsible for notifying the SHPO and PAE within twenty-four (24) hours of identifying human remains.
- 5. The services of a physical anthropologist or specialist in bioarchaeology will be required.

## **D.Professional Qualifications**

The Monitor must meet the minimum Secretary of the Interior Professional Qualifications Standards for Archaeology established in 36CFR Part 61. These are: a graduate degree in archaeology, anthropology, or closely related field, plus at least one (1) year of full-time professional experience or equivalent specialized training in archaeological research, administration, or management; at least four (4) months of supervised field and analytic experience in general Puerto Rican archaeology; the demonstrated ability to carry research to completion; and at least one (1) year of full-time professional experience at a supervisory level in the study of archaeological resources of the pre-Columbian and colonial periods. Please see <a href="https://www.nps.gov/history/local-law/arch.stnds.org/">https://www.nps.gov/history/local-law/arch.stnds.org/</a> 9.htm for more information.

The SOI-qualified archaeologist shall not defer their monitoring responsibilities to any other person who does not meet the minimum professional qualifications. Any additional personnel to intervene in monitoring efforts shall have vast experience in historic archaeology, in working in evaluation (Phase II), documentation (Phase III), and monitoring projects dealing with colonial period properties.

The Principal Investigator may not transfer his or her duties, obligations, and responsibilities to subordinates or other technicians who are not professionally trained in archaeology. In the case of hiring archaeologists and trained technicians to assist in archaeological monitoring, the Principal Investigator must be present for at least 25 percent of the duration of the fieldwork to supervise them.

## E. Cited References

Advisory Council on Historic Preservation

ACHP recommendations on the recovery of significant information from archaeological sites <a href="https://www.achp.gov/protectinghistoricproperties/Section 106 Archaeology Guidance">https://www.achp.gov/protectinghistoricproperties/Section 106 Archaeology Guidance</a>.

Consejo para la Protección del Patrimonio Arqueológico Terrestre de Puerto Rico.

2017 Reglamento para la radicación y evaluación arqueológica de proyectos de construcción y desarrollo. San Juan: ICP. Reglamento #8932 del 8 de febrero de 2017.

López Schmid, María F. and Roberto G. Muñoz-Pando

2024 Puerto Rico Disaster Recovery, CDBG-DR Program City Revitalization Program Section 106 NHPA Effect Determination Form 106 for Case PR-CRP-000742

### National Park Service

s/f "Archeology and Historic Preservation: Secretary of the Interior's Standards and Guidelines [As Amended and Annotated] Professional Qualification Standards". https://www.nps.gov/history/local-law/arch\_stnds\_9.htm

s/f "Archeology and Historic Preservation: Secretary of the Interior's Standards and Guidelines for Archeological Documentation". <a href="http://www.cr.nps.gov/local-law/arch\_stnds\_7.htm">http://www.cr.nps.gov/local-law/arch\_stnds\_7.htm</a>

# **Appendix A: Monitoring Daily Activity Sheet**

Constitution of Automotive Cons	PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM: PRDOH CITY REV PROGRAM ARCHAEOLOGICAL MONITORING DAILY RECORD OF ACTIVITIES			
Case ID:	Project Location (Street	t Address):		
City:	Project Coordinates:			
SOI Qualified-Archaeologist:				
Date of Monitoring: Click or tap	to enter a .			
Work Hours:				
Description of work performed by contractor and supervised by the Monitor:				
		YES	NO	
Was an archaeological remain do day. If yes, include required info				
Was an exceptional archaeologic during the day? If yes, explain be	elow.			
Have the construction activities unidentified property or a know an unanticipated manner? If yes	n historic property in			
Has there been a change in the sproject? If yes, explain below.	scope of work of the			

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM:

STATEMENT OF PERSON AND TO	PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM: PROOH CITY REV PROGRAM ARCHAEOLOGICAL MONITORING DAILY RECORD OF ACTIVITIES
Case ID:	Project Location (Street Address):
City:	Project Coordinates:

Site Photos		
Direction of Photo: Click here to enter text.  Description: Click here to enter text.		
Direction of Photo: Click here to enter text.  Description: Click here to enter text.		



## **GOVERNMENT OF PUERTO RICO**

## STATE HISTORIC PRESERVATION OFFICE

Executive Director | Carlos A. Rubio Cancela | carubio@prshpo.pr.gov

Friday, June 7, 2024

## Lauren B Poche

269 Avenida Ponce de Leon, San Juan, PR, 00917

SHPO-CF-05-08-24-09 PR-CRP-000742 (Sabana Grande), Plaza de Recreo Project

Dear Ms. Poche.

Our Office has received and reviewed the above referenced project in accordance with 54 USC 306108 (commonly known as Section 106 of the National Historic Preservation Act, as amended) and 36 CFR Part 800: Protection of Historic Properties from the Advisory Council on Historic Preservation. The State Historic Preservation Officer (SHPO) is to advise and assist federal agencies and other responsible entities when identifying historic properties, assessing effects upon them, and considering alternatives to avoid or reduce the project's effects. As you know, the Puerto Rico State Historic Preservation Office considers all town centers, beginning with, but not limited to, the plaza "spaces" and the streets that conform it, to be eligible for inclusion in the National Register of Historic Places under the criteria A -Association with events that have made a significant contribution to the broad patterns of our history and criteria C - Embodiment of the distinctive characteristics of a type, period and method of construction as urban development. These cores, their urban grid (blocks and streets) and their relationship with the built and open spaces are associated with each town's founding, its development and history. After a careful review of the documentation provided, we have some concerns about the existing conditions and the proposed design for the Plaza del Recreo of Sabana Grande. This urban square has gone through several interventions that should have been carried out taking into consideration the historical resource and its context. However, they affect the relationship as an open space with its context. These include creating parking areas inside the limits of the square, designs that do not acknowledge the history or the relationship with the square and its surroundings, and the construction of a stage with bathrooms, a building within the open space. The proposed project, instead of improving these interventions, contributes to perpetuating the lack of consideration to the historical spatial value of the urban square. The PRSHPO would like to emphasize that all interventions carried out on the Plaza de Recreo of Sabana Grande must comply with the Secretary of the Interior's Standards for Rehabilitation, explicitly, Standards 9 and 10. We wish to highlight the following recommendations provided by the Standards for Rehabilitation:1. It is necessary to identify, retain, and preserve landscape features that are important in defining the overall historic character of the setting.2. The new design needs to retain relationship the historic between



buildings and landscape features in the setting.3. When introducing new construction, it must be visually compatible in terms of size, scale, design, material, or color, to not destroy the historic relationships on the site, or damage or destroy important landscape features, such as replacing a lawn with paved parking areas or removing mature trees. 4. It is not recommended to add a new building or landscape feature that is visually or otherwise incompatible with the setting's historic character. For these reasons, we believe the proposed undertaking meets the criteria of adverse effect per 36 CFR § 800.5 (a) (2) (i). The Puerto Rico Department of Housing will need to consult further with the SHPO to develop and evaluate alternatives or modifications to the undertaking that could avoid, minimize or mitigate adverse effects on historic properties, as per 36 CFR § 800.6. If you have any questions or comments regarding this matter, do not hesitate to contact our office.

Sincerely,

Carlos A. Rubio Cancela

State Historic Preservation Officer

my afanti

CARC/GMO/ EVR



Arch. Carlos A. Rubio Cancela

Executive Director Puerto Rico State Historic Preservation Office Cuartel de Ballajá, Third Floor San Juan, Puerto Rico 00901

Re: Authorization to Submit Documents for Consultation

Dear Arch. Rubio Cancela,

The U.S. Department of Housing (HUD) approved the allocations of Community Development Block Grant (CDBG-DR) funds on February 9, 2018. It also approved the allocation of Community Development Block Grant Mitigation (CDBG-MIT) funds on January 27, 2020. The purpose of these allocations is to address unsatisfied needs as a result of Hurricanes Irma and Maria in September 2017; and to carry out strategic and high-impact activities to mitigate disaster risks and reduce future losses.

To comply with the environmental requirements established by HUD, the Department of Housing of Puerto Rico (PRDOH) contracted Horne Federal LLC to provide environmental review services, among others, that will support the objectives of the agenda for both CDBG-DR and CDBG -MIT Programs.

To expedite the processes, Horne Federal LLC, is authorized to submit to the State Historic Preservation Officer, documentation of projects related to both the CDBG-DR and CDBG-MIT on behalf of PRDOH.

Cordially,

Aldo A. Rivera Vázquez, PE

Director

Division of Environmental Permitting and Compliance

Office of Disaster Recovery



May 9, 2024

Carlos A. Rubio Cancela State Historic Preservation Officer Puerto Rico State Historic Preservation Office Cuartel de Ballajá (Tercer Piso) San Juan, PR 00902-3935

# Puerto Rico Disaster Recovery, CDBG-DR City Revitalization (City-Rev) Program

Section 106 NHPA Effect Determination Submittal for PR-CRP-000742, Plaza de Recreo Project, Sabana Grande, Puerto Rico – *No Adverse Effect, Conditioned* 

Dear Architect Rubio Cancela,

On February 9, 2018, an allocation of Community Development Block Grant - Disaster Recovery (CDBG-DR) funds was approved by the United States Department of Housing and Urban Development (HUD) under the Federal Register Volume 83, No. 28, 83 FR 5844, to assist the Commonwealth of Puerto Rico in meeting unmet needs in the wake of Hurricanes Irma and Maria. On August 14, 2018, an additional \$8.22 billion recovery allocation was allocated to Puerto Rico under the Federal Register Volume 83, No. 157, 83 FR 40314. With these funding allocations, the Puerto Rico Department of Housing (PRDOH) aims to lead a comprehensive and transparent recovery for the benefit of Puerto Rico residents. To faithfully comply with HUD's environmental requirements, the Puerto Rico Department of Housing contracted Horne Federal, LLC (HORNE) to provide environmental records review services that will support the Department's objectives Puerto Rico Housing (PRDOH) for CDBG-DR.

On behalf of PRDOH and the subrecipient, the Municipality of Sabana Grande, we are submitting documentation for the proposed Plaza de Recreo Project. The Municipality of Saban Grande proposes to renovate the plaza and surrounding area through the construction of improved and level sidewalks around the plaza, reconstruction and leveling of all curbs around the plaza, the repaving and marking of parking spaces around the plaza on north and south of the San Isidro Catholic Church, new bench areas, a new platform, new concrete flooring in the plaza, new planters, reconstruction of stairs accessing the plaza as well as handicap ramps into the sidewalks and plaza. A new kiosk will be constructed, and the existing lights will be replaced with solar lighting. The existing monuments will be relocated within the plaza per the proposed designs. Measures will be taken for the San Isidro Labrador Catholic Church, individually listed in the National Register of Historic Places, including the steps leading to it and the surrounding gardens; these consisting of a protective fence that will establish a clear "do not cross" line. The full scope of the project is described in the submitted documentation, which includes mapping, photographs, and the 10% construction plans.



Based on the provided documentation, the Program requests a concurrence with a determination that "No Adverse Effect" is appropriate for this undertaking, conditioned to the following: (1) archaeological monitoring should be conducted for all ground disturbing activities. An archaeological monitoring plan will be prepared and submitted to the PRSHPO for review and approval of appropriateness for implementation.

Please contact me with any questions or concerns by email at <a href="mailto:lauren.poche@horne.com">lauren.poche@horne.com</a> or phone at 225-405-7676.

Kindest regards,

Lauren Bair Poche. M.A.

Architectural Historian, EHP Senior Manager

Attachments



Arch. Carlos A. Rubio Cancela

Executive Director Puerto Rico State Historic Preservation Office Cuartel de Ballajá, Third Floor San Juan, Puerto Rico 00901

Re: Authorization to Submit Documents for Consultation

Dear Arch. Rubio Cancela,

The U.S. Department of Housing (HUD) approved the allocations of Community Development Block Grant (CDBG-DR) funds on February 9, 2018. It also approved the allocation of Community Development Block Grant Mitigation (CDBG-MIT) funds on January 27, 2020. The purpose of these allocations is to address unsatisfied needs as a result of Hurricanes Irma and Maria in September 2017; and to carry out strategic and high-impact activities to mitigate disaster risks and reduce future losses.

To comply with the environmental requirements established by HUD, the Department of Housing of Puerto Rico (PRDOH) contracted Horne Federal LLC to provide environmental review services, among others, that will support the objectives of the agenda for both CDBG-DR and CDBG -MIT Programs.

To expedite the processes, Horne Federal LLC, is authorized to submit to the State Historic Preservation Officer, documentation of projects related to both the CDBG-DR and CDBG-MIT on behalf of PRDOH.

Cordially,

Aldo A. Rivera Vázquez, PE

Director

Division of Environmental Permitting and Compliance

Office of Disaster Recovery

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM
CITY REVITALIZATION PROGRAM (CITY-REV)
Section 106 NHPA Effect Determination
Subrecipient: Municipio de Sabana Grande
Project Name: Plaza de Recreo
Project ID: PR-CRP-000742

Project Location: Calle Betances Ángel G. Martínez, Sabana Grande, PR

Project Coordinates: 18.07946027, -66.95999815

TPID (Número de Catastro): 335-037-034-01 / 335-037-022-01

Type of Undertaking:

Substantial Repair

New Construction

Construction Date (AH est.): c.1814

Property Size (acres): 1.38

SOI-Qualified Architect/Architectural Historian: Maria F. Lopez Schmid

Date Reviewed: September 8, 2023/ November 29, 2023/ May 5, 2024.

SOI-Qualified Archaeologist: Roberto G. Muñoz-Pando, PhD.

Date Reviewed: September 27, 2023/ November 29, 2023/ March 12, 2024.

In compliance with Section 106 of the National Historic Preservation Act (NHPA), the Program is responsible for identifying historic properties listed in the NRHP and any properties not listed that would be considered eligible for listing that are located within the geographic area of potential effects (APE) of the proposed project and assessing the potential effects of its undertakings on these historic properties.

# Project Description (Undertaking)

The Municipality of Sabana Grande proposes the demolition and reconstruction of the "Plaza Pública José A. Busigo" within the same footprint. The existing elements to be demolished, using the mechanical method, in this project area include: the sidewalks around the Plaza, parking spots (regular and handicapped parking) located north and south of the San Isidro Catholic Church, bench areas, the platform of José Antonio Sepúlveda's pavilion. Additionally, the concrete and ceramic floor slabs, planters, concrete catch basin and swales around the plaza, stairs, and ramps for handicapped access to the Plaza will be razed. All these elements will be rebuilt to current building codes and otherwise relocated. The anticipated ground disturbance depth for demolition and construction activities is 3 feet according to the current proposed design.

The new design proposes a clean new and improved vision of the Plaza. These new elements will include the construction of improved and level sidewalks around the Plaza, Re-pavement and marking of parking spaces around the plaza on north and south of the San Isidro Catholic Church, new bench areas, a new platform, new concrete flooring at the plaza, new planters, reconstruction and leveling of all curbs around the plaza, reconstruction of stairs accessing the plaza as well as handicap ramps into the sidewalks and plaza. Construction of a new kiosk, and the replacement of luminaries to use solar poles. The two existing monuments in the Plaza "Doña Monserrate Montalvo" and "El Soldado" will be removed prior to the start of the project, kept in a safe place, and once the project is completed, they will be relocated



Subrecipient: Municipio de Sabana Grande

Project Name: Plaza de Recreo Project ID: PR-CRP-000742

to the Plaza. This project will not impact the San Isidro Labrador Catholic Church, including the steps leading up to it, nor the gardens on either side of the structure. Prior to any action, a protective fence will be established around the church so that demolition and construction work will not affect it. Temporary and safe access for visitors will also be provided during project development.

The architectural modernization of the square with its renewed green areas and the redistribution of its areas is expected to increase the number of residents who will visit the urban area of the Municipality. The redistribution of space will improve the flow of people and the optimization of its areas to celebrate public activities for a greater number of people than it can currently accommodate. The redevelopment would include the sidewalk around the San Isidro Labrador Catholic Church and the existing floor of the Plaza. Attached to the Plaza de Recreo, is the Plaza de la Recordación, which was built and located to the south of the public square, this square is designed remembering the old Vicente Soltero School that was located in that place and the front and side of it were in arches. This square has a set of architectural aspects and vegetation that are expected to be part of the new general design of the square, unifying its visual aspect.

Part of the project would be for the public plaza and the plaza of remembrance to come together to form an economic corridor. With the construction of the new pavilion, it is proposed to leave an open space on the wall on the west side to achieve an effect that the Church can be observed as a photo frame. One of the main functions of the temple is the celebration of the Petate Festival. Regarding the statues of the Petate Weaver and the Veterans Monument, they will not be removed from the Plaza and will form an integral part of the new design of the Recreation Plaza. Additionally, the Recreation Plaza will have a kiosk for the sale of natural juices, ice creams, and fruits.

#### **Area of Potential Effects**

As defined in 36 CFR §800.16(d), the area of potential effects (APE) is the geographic area or areas within which an undertaking may directly or indirectly cause changes in the character or use of historic properties if any such properties exist. Based on this definition and the nature and scope of the Undertaking, the Program has determined that the direct APE for this project is listed below on the maps and the visual APE is the viewshed of the proposed project. The Direct APE includes the 1.38 acres of area of the plaza (100m long x 62m wide) bordered to the north by Calle San Isidro, Calle Luis Munoz Rivera east, Calle Betances south and, PR-364 to west. "Plaza de la Recordación" is located on the northwest corner of the Public Plaza across the street.

The Indirect APE includes the opposite street facades around the Plaza and the corner street facades as shown on the Area of Potential Effect aerial map. The types of properties that



Subrecipient: Municipio de Sabana Grande

Project Name: Plaza de Recreo Project ID: PR-CRP-000742

surround the Plaza are commercial, mix use commercial and residential above, government offices such as Municipal Hall on the south side, and entertainment buildings such as the Adalberto Rodríguez Machuchal Theater to the west. The properties are mainly one- or two-story buildings made of concrete, masonry, or brick with either concrete roofs or corrugated metal roofs that date from the late Nineteenth Century to mid Twentieth Century.

# Identification of Historic Properties - Archaeology

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), is presented in this section of the form.

There are 5 known previously identified cultural resource sites within a quarter-mile radius of the project area. [1] The "Iglesia San Isidro el Labrador y Santa María de la Cabeza" is 0.03 miles east of the project area and its ID numbers are SG 0200019 and SE-29. Its importance is due to Historic/Infrastructure/Religious context, and it is included in the National Register of Historic Places (NRHP). [2] The "Escuela James F. Cooper" is 0.07 miles east of the project area and its ID numbers are SG 0200017 and SE-27. Its importance is due to the School/Education/ Historic twentieth century context and it is included in the NRHP. [3] The "Residencia Berta Sepúlveda" is 0.15 miles northwest of the project area and its ID numbers are SG 0200020 and SE-30. Its importance is due to the Historic/Infrastructure/Residential context and is included in the NRHP. [4] The "Escuela Luis Muñoz Rivera" is located at a distance of 0.16 miles southwest of the APE. Its ID numbers are SG 0200018 and SE-28. Its importance is due to the Historic/Infrastructure/Institutional context and its NRHP eligibility is pending. [5] The "Plaza Pública Sábana Grande José A. Busigo" is located at coordinates 18.079460, -66.95999 (it is the APE). The space reserved for the plaza dates back to the year 1814 when seventy acres of land were donated to establish the town. The buildings that shape the space were fully established around 1910. The archaeological potential of this plaza is considered moderate since even though the projected ground disturbance for this undertaking is located on the same general area as previous ground disturbances [See Maps section for spatial references of the location of the archaeological sites], the plaza itself has been there for a significant amount of time and further excavations may uncover new information on its layout prior to the available aerial imagery of the 1930s. Also, being on the general central area of the early town the plaza and its surroundings can contain information about early colonial occupation of the town of Sabana Grande.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM

CITY REVITALIZATION PROGRAM (CITY-REV)
Section 106 NHPA Effect Determination

Subrecipient: Municipio de Sabana Grande

Project Name: Plaza de Recreo

Project ID: PR-CRP-000742

Table 1- Cultural Resource Sites within a quarte mile of the APE

Name	ID Numbers	Description	Distance/ Direction	NRHP Status
Iglesia San Isidro el Labrador y Santa María de la Cabeza	SG 0200019 and SE-29	Its importance is due to Historic/ Infrastructure/ Religious context	0.03 miles east	Included
Escuela James F. Cooper	SG 0200017 and SE-27	Its importance is due to the School/ Education/ Historic twentieth century context	0.07 miles east	Included
Residencia Berta Sepúlveda	SG 0200020 and SE-30	Its importance is due to the Historic/ Infrastructure/ Residential context	0.15 miles northwest	Included
Escuela Luis Muñoz Rivera	SG 0200018 and SE-28	Its importance is due to the Historic/ Infrastructure/ Institutional context	0.16 miles southwest	Pending
Plaza Pública Sábana Grande José A. Busigo	No data	Dates to around the founding of the town circa 1814	0.0 Miles (It is the APE)	Eligible



Subrecipient: Municipio de Sabana Grande

Project Name: Plaza de Recreo Project ID: PR-CRP-000742

There are six known previously performed cultural resource surveys within the quarter-mile buffer of the APE. There is one known previously performed cultural resource surveys within a quarter-mile radius of the project area that had positive results. [1] In 1988, Osvaldo García Goyco led a Phase 1B investigation that was positive for cultural resources when some brick fragments were found out of context. This cultural resource survey was titled "Sanitary Sewer System for Rayo Community (Las Guaras) and Minillas," located 0.23 miles southwest of the APE, and with ID Codes EAP 3725 and ICP/ CAT-SD-88-01-05.

The other five previously performed archaeological surveys within the quarter mile buffer of the APE yielded negative results. 2 A Phase IA-IB survey titled "Urbanizacion y Comercial Sabana Real" was authored by Juan Gonzalez Colon in the year 2004 in the distance of 0.25 miles north of the project area its results were negative. 3 A Phase IA-IB survey titled "Villas de Santa Maria" was authored by Jesus Figueroa in 1999. All 11 of its shovel tests were negative with regards to presence of cultural materials, and the distance was 0.25 north of the APE. 4 Another Phase IA-IB survey was performed in 1993 by Antonio Daubon, titled "Sistema sanitario comunidad Sabana y torre." It yielded negative results and its distance from the APE was 0.17 miles east and 0.23 miles southwest at its closest points. 5 An additional Phase IA-IB study was performed in 1995. This study was authored by Juan Gonzalez and titled "Ave. Orlando Lopez Martinez (Avenida en la Antiqua Via del Tren)." Shovel tests were placed every 25 meters and excavated in the flatter areas to the side of the road. All eighteen (18) shovel tests were negative with regards to presence of cultural materials. The distance was 0.22 miles southeast of the APE. 6 Finally, another Phase IA-IB survey was performed in 2013. It was titled "Eliminación de la planta de tratamiento La Máquina" and authored by Adalberto Maurás. The all 5 excavated shovel tests yielded negative results with regards to the presence of cultural materials. The distance was 0.21 miles southwest. However, only small area at end of the survey enters quarter mile radius.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM

CITY REVITALIZATION PROGRAM (CITY-REV)
Section 106 NHPA Effect Determination

Subrecipient: Municipio de Sabana Grande

Project Name: Plaza de Recreo

Project ID: PR-CRP-000742

Table 2- Cultural Resource surveys within a quarter-mile buffer of the APE

Phase/ Title	Author	Year	SHPO/ IPRC ID	Results	Distance/
					Direction
Phase IB/ Sanitary Systems for Rayo Community (Las Guaras) and Minillas	Osvaldo García Goyco	1988	SHPO ID: 12-05-84-01 IPRC ID: CAT-SD-88-01- 05	Positive. Brick fragments were found in an impacted context in the Minillas Community. The archaeological materials (brick fragments) were associated to the chimney or Jamaican Train or the Hacienda San Francisco.	0.23 miles southwest
Phase IA-IB / Urbanización y Comercial Sabana Real	Juan Gonzalez Colon	2004	SHPO ID: No Data IPRC ID: CAT-SD-04-03- 07	Negative	0.25 miles north
Phase IA-IB / Villas de Santa Maria	Jesus Figueroa	1999	SHPO ID: 07-02-99-04 IPRC ID: No Data	Negative. 11 test pits with negative results.	0.25 miles north
Phase IA-IB/ Sistema sanitario comunidad Sabana y torre	Antonio Daubón	1993	SHPO ID: 09-10-03-01 IPRC ID: No Data	Negative. No evidence of cultural materials found in the surface or in the subsurface.	0.17 miles east and 0.23 miles southwest at closest points to APE.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM

CITY REVITALIZATION PROGRAM (CITY-REV)

Section 106 NHPA Effect Determination

Subrecipient: Municipio de Sabana Grande

Project ID: PR-CRP-000742

Project Name: Plaza de Recreo

Phase IA-IB/ Ave. Orlando Lopez Martinez (Avenida en la Antigua Via del Tren)	Juan Gonzalez	1995	SHPO ID: 02-23-94-03 IPRC ID: No Data	Negative. Shovel tests every 25 meters, dug in the flatter areas to the side of the road. All eighteen (18) shovel tests were negative with regards to presence of cultural materials.	0.22 miles southeast
Phase IA-IB/ Eliminación de la planta de tratamiento La Máquina	Adalberto Maurás	2013	SHPO ID: 12-19-12-01 IPRC ID: No Data	Negative. 5 shovel tests yielded negative results with regards to the presence of cultural materials. Archaeological Monitoring recommended during the installation of a potable water pipe to the south section of the survey.	0.21 miles southwest Only small area at end of the survey enters quarter mile radius.

The Sabana Grande Public Plaza has been redesigned numerous times since its delimitation in the early 1800s. See below are the designs of the plaza in as it looked in the 1930s and then in 1975.

CITY REVITALIZATION PROGRAM (CITY-REV)

**Section 106 NHPA Effect Determination** 

Subrecipient: Municipio de Sabana Grande

Project Name: Plaza de Recreo Project ID: PR-CRP-000742



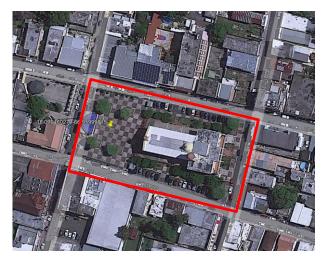


GOVERNMENT OF PUERTO RICO

Detail of the 1930s and 1975 aerial images showing the evolution of the Sabana Grande Public Plaza.

The 1993 aerial image of the Public Plaza of Sabana Grande above shows a different design from the 1975 aerial image below and the 1990s design remains today.





Detail of the 1993 and current aerial images showing the Sabana Grande Public Plaza and the different stage designs.

The aerial photographs of the plaza shown above demonstrate that the plaza area has been subject to ground disturbance at least in three separate occasions since its original delimitation circa 1910.

The Program has determined that the project area would benefit by an archaeological monitoring during the process to prevent potential damage to the present archaeological sites and historic structures as well as to prevent the potential destruction of any unexpected finds. The APE's archaeological potential is moderate and the Program recommends that an archaeological monitoring would be the best alternative for preserving any potential information unearthed during any ground disturbing activities.

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Project Name: Plaza de Recreo Project ID: PR-CRP-000742

#### Identification of Historic Properties - Architecture

Existing information on previously identified historic properties has been reviewed to determine if any such properties are located within the APE of this undertaking. The review of this existing information, by a Program contracted Historic Preservation Specialist meeting the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61), shows that the project area is within the boundaries of the National Register of Historic Places (NRHP)-eligible Traditional Urban Center of Sabana Grande and two blocks south of the Church San Isidro Labrador. The subject property (the APE) is the Public Plaza of Sabana Grande and the space itself is NRHP-eligible. Additionally, there are four National Register-listed properties within the quarter-mile buffer zone from the plaza. The numbering of the National Register-listed properties and thirteen National Register-eligible properties within the quarter-mile buffer zone, and these are summarized as follows.

One of the National Register-listed properties in the area is the [1] "Iglesia de San Isidro Labrador y Santa María de la Cabeza de Sabana Grande" (SHPO ID #84000460) was listed to the National Register in December 1984 and is located 0.01 east of the public plaza and inside the visual APE. The church was built in 1844 and its location corresponds to the Spanish Crown ordinances for the building and development of cities in the Americas. This building is perched on a high base with an impressive front staircase that leads to its façade. Its rectangular volume, somber design, and austere ornamentation of classical elements characterizes its design. The significance of this church is that despite its age, it conserves many architectural elements of its original design. The building is also locally significant and is on the ICP list.

The property [2] James Fenimore Cooper Graded School (SHPO ID #15000277) was listed in May 2015, and is located 0.06 miles northwest from the plaza and inside the visual APE. Constructed in 1903 this resource is one of the oldest school buildings in Puerto Rico under the United States authority and the first institutional building in Sababa Grande. The Neoclassical style one-story school building was designed by Charles G. Post and has a C-shaped plan. The school is on San Isidro Street and is built of masonry, bricks, and stucco featuring a base, pediments, and detailed parapets. This listed property will not be affected by the renovations from the undertaking.

The NRHP-listed property [3] Berta Sepúlveda Residence (SHPO ID #94000624) listed in June 1994, is located 0.08 miles north from the plaza. The house is on Muñoz Rivera Street and is distinguished by a curved front porch façade and imposing staircase that reaches the second level main living area. Built between 1926 and 1927, this house was designed by architect Rafael Bofill. The house is a two-story concrete residence with a hipped corrugated

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metal roof over a wood frame structure. The Berta Sepúlveda Residence represents the modernist movement of architecture in Puerto Rico towards the end of the 19<sup>th</sup> century. The building is also locally significant and is on the ICP list. This listed property will not be affected by the renovations from the undertaking.

The following thirteen properties within the quarter-mile buffer zone are NRHP-eligible:

- **A**. Plaza Pública de Sabana Grande José A. Busigo Located at 18.07946027, -66.95999815, is the APE The space reserved for the plaza dates to the year 1814 when seventy acres of land was donated to establish the town. The buildings that shape the space were fully established around 1910.
- **B.** Casa de Alcadía (Municipal Hall Building)- Located at 18.0791383692322, -66.96022762460336, at a distance of 0.03 miles from the APE and inside the visual APE. This building used to be the residence of the Malaret Family ca. XIX.
- **C**. Escuela de la Comunidad José R. Gaztambide Located at 18.079174170147695, 66.95737131702023, at a distance of 0.17 miles on 37 Borinquén Street and it appears remodeled ca. 1947.
- **4**. Escuela Luis Muñoz Rivera Located at 18.0774845337993, -66.96129612041985 at a distance of 0.16 miles from the APE. Located in Francisco M. Quiñonez Street, the schoolhouse has a U-shaped concrete building ca. 1930 that has a Neomanierista eclectic architectural design.
- **E**. Logia Masónica Igualdad N°23 Located at 18.077942129038327, -66.96039590817944, at a distance of 0.11 miles from the APE. Located at 32 Ángel Gregorio Martínez Street, the ca. 1888 building is raised from street level and has a neoclassical design.
- **F**. Funeraria Avellanet Located at 18.079742334312446, -66.95953149978263 at a distance of 0.03 miles from the APE and inside the visual APE. This funerary building founded in 1940, has classic elements and a *mediopunto* separating the interior spaces.
- **G**. Casas Gemelas Located at 18.079803092058526, -66.95984401133735 at a distance of 0.02 miles from the APE and inside the visual APE. These are two residential buildings on San Isidro Street north of the Plaza that have the same design and are side by side. The house is also known as Residencia Castillo.
- **H.** Museo de Historia Sabaneña Located at 18.079447244530282, -66.96034583678549 at a distance of 0.03 miles from the APE and inside the visual APE. This building is on Betances Street and today houses the Museo de Historia Sabaneña. The building was restored following a destructive fire in 2015.
- I. Edificio Sepúlveda Located at 18.0789144782323, -66.95936813779879 at a distance of 0.05 miles from the APE and inside the visual APE. This is a cluster of contiguous buildings in



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masonry or brick located on Betances Street and south of the Plaza.

**J**. Casa en Calle San Isidro - Located at 18.07931941628926, -66.95864874917451 at a distance of 0.08 miles from the APE. The residence contains modern elements such as mosaic trapezoidal and columns as in the Prairie Style.

**K**. Residencia San Isidro - Located at 18.07988764321352, -66.96025173933049 a distance of 0.04 miles from the APE. This former residence on San Isidro Street has neoclassical elements of the Beaux Arts architectural design. Today the building is used as a cultural center.

**L**. Residencial José Castillo Mercado - Located at 18.080080399919712, -66.96357307355841 at a distance of 0.24 miles from the APE. The residential complex originally had 28 buildings that were occupied in 1953.

**M**. Teatro Adalberto Rodríguez Machuchal - Located at 18.07948963632297, - 66.96057362171678 at a distance of 0.04 miles from the APE and inside the visual APE. This ca. 1952 theater building on the corner of Betances Street and PR-364 road contains architectural elements of the Art Deco Style.

# Town History

The town's name comes from the extensive plain that occupies the southern part of the municipality which extends towards the west to San German and Hormigueros, known as the Sabana Grande Valley. The town was originally ascribed to the jurisdiction of San Germán. But because the community was far from the center of San Germán, the residents wanted to build a church, which was established as an auxiliary parish to San Germán. The church was built and was devoted to San Isidro Labrador and Santa María de la Cabeza. In June of 1813 Sabana Grande officially became an independent parish, under its own jurisdiction. Martín Antonio Borreli was the first parish priest of San Isidro Labrador.

The first captain general of Sabana Grande was Pedro de Acosta who took office on December 21, 1814. Historians assert that Pedro de Acosta donated seventy acres of land where the Casa del Rey, the priest's house, the plaza, a butcher shop, and a cemetery were established. Others believe that the land was donated by Joaquín P. Rodríguez de la Seda y Almodóvar. Juan Francisco de Acosta, brother of the mayor and parish priest of Sabana Grande at the time, was thought to have donated his house to the town so it could be used as the Casa del Rey. Only the church was built in masonry and the slaughterhouse, and the Casa del Rey were both wood frame buildings with ceramic tile roofs.

By 1847 Sabana Grande had an additional 56 wood frame houses with ceramic tile roofs and 118 wood frame and straw bohios to accommodate the 5,500 people. By 1878, the town had grown to about 8,500 people that lived in 151 houses and 1,375 bohios. For commercial activity there were in town a *drugstore*, two cafés, three fabric stores, two mixed stores, 23

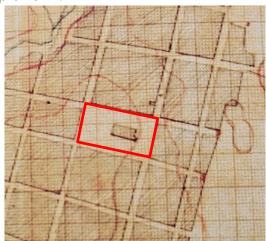


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grocer's stores and two fruit stands according to Manuel Ubeda Delgado in his geographic and historic study of the island towns.

The 1888 to 1892 Croquis de Sabana Grande is the first sketch we have that depicts the Public Plaza of Sabana Grande's space drawn by the Cuerpo de Ingenieros Militares and is shown below left. The streets, the urban blocks, and the church building east of the plaza are drawn on a topographic sketch. This sketch simplified the contrast between space and urban volumes in Saban Grande. The Plaza was established before these dates, possibly after 1814 when Pedro de Acosta donated seventy acres of land to establish the town. The plaza was the first space that was reserved to lay out the streets and the town grew around from there. The 1910 sketch shown below right, has a little more detail such as the streets drawn with the Plaza separated by McKinley Street. The church building is depicted on a separate block and what appears to be a fence or steps that lead up to the church, since it was built on a raised platform.





1888 to 1892 Croquis de Sabana Grande, Cuerpo de Ingenieros Militares and the 1910 sketch, PR Urbano Vol. 3, p. 328 and p. 331.

The Sabana Grande Plaza has undergone many changes over the years including different features such as pavements, planting, a stage, lighting, sidewalks, and street asphalt among others.

#### **Property Description**

The public plaza of Sabana Grande currently contains a checkered pavement, a stage building on the west side, four large planters with mature trees on the plaza space. Surrounding the catholic church, are green spaces with mature trees, and parking spaces to the north and south of the church. The proposed project contemplates demolishing all these elements and rebuilding the plaza with a new stage, a bathroom, and staircase access inside the building. The plaza pavement will be redone, adding stairs on either side of the stage building. The monuments will be relocated on this side of the plaza and new planters will go on the north side, leaving the south side for a new kiosk and six umbrella tables. The green



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spaces to the north and south of the church will be redesigned with integrated curved benches and parking along the side streets.

The Sabana Grande Public Plaza has been redesigned numerous times since its delimitation in the early 1800s. Shown below are the designs of the plaza in as it looked in the 1930s and then in 1975.





Detail of the 1930s and 1975 aerial images showing the evolution of the Sabana Grande Public Plaza.

The 1993 aerial image of the Public Plaza of Sabana Grande above shows a different design from the 1975 aerial image below and the 1990s design remains today.





Detail of the 1993 and current aerial images showing the Sabana Grande Public Plaza and the different stage designs.

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Project Name: Plaza de Recreo	Project ID: PR-CRP-000742

# **Determination**

The following historic properties have been identified within the APE:

#### Direct Effect:

o There will be a direct effect to historic properties. The Plaza José A. Busigó is individually eligible for the National Register of Historic Places. However, the current plaza design has been changed several times since its creation and is not the original one as the current design address from the 1 Os. Since the plaza space is eligible, the new design will be directly affecting it, however it will not be an adverse affect. The new design will be affecting the space but not the layout of the plaza, that will retain its characteristic rectangular shape.

#### Indirect Effect:

No indirect effect is expected to historic properties. The current project proposes a new design for the 1990s remodeled Public Plaza that will entail changes to the floor, stage, and other outdoor elements that will not negatively affect the viewsheds.

Based on the results of our historic property identification efforts, the Program has determined that project actions will not adversely affect the historic properties that compose the Area of Potential Effect. However, since there are several archaeologically and historically sensitive areas near the APE and the Plaza itself has been in place for so many years (since the 1800s) an archaeological monitoring of the construction will be recommended during any and all ground disturbing activities on site. An archaeolo ical monitorin plan will be prepared and submitted to the PRSHPO for review and concurrence that it's implementation for this underta in is appropriate.

PUERTO RICO 2017 DISASTER RECOVERY, CDBG-DR PROGRAM CITY REVITALIZATION PROGRAM (CITY-REV) Section 106 NHPA Effect Determination	GOVERNMENT OF PUERTO RICO DEPARTMENT OF HOUSING
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# **Recommendation**

The Puerto Rico Department of Housing requests that the Puerto Rico SHPO concur that the	he
following determination is appropriate for the undertaking (Choose One):	

□ No Historic P	roperties Affected
⋈ No Adverse	Effect

**Condition**: Because of the high number of cultural resources in the vicinity of the project area, archaeological monitoring of the site during all ground disturbance activities is recommended. An archaeolo ical monitorin plan will be prepared and submitted to the PRSHPO for review and concurrence that it's implementation for this underta in is appropriate.

☐ Adverse Effect

Proposed Resolution (if appliable)

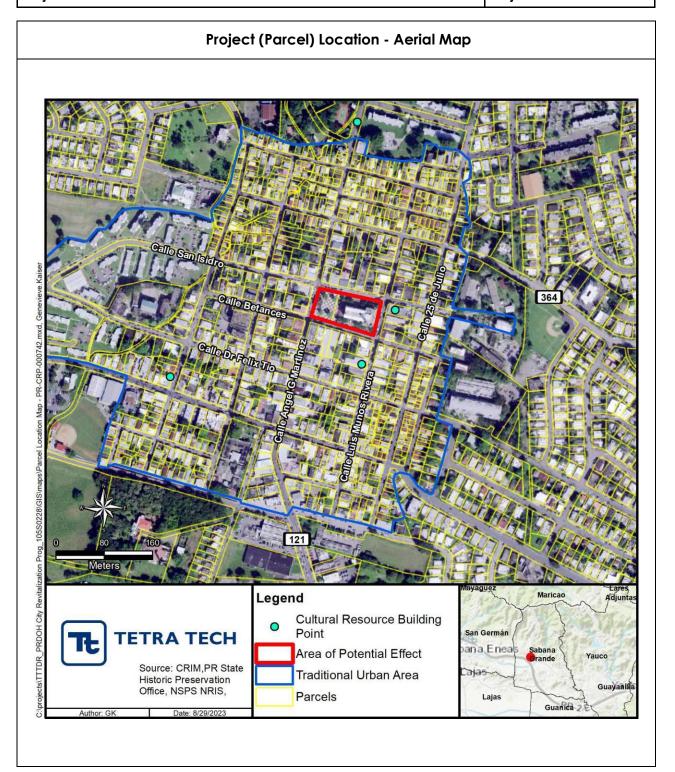
This Section is to be Completed by SHPO Staff	Only	
The Puerto Rico State Historic Preservation Office has reviewed the above information and:		
□ <b>Concurs</b> with the information provided.		
□ <b>Does not concur</b> with the information provided.		
Comments:		
Carlos Rubio-Cancela	Date:	
State Historic Preservation Officer		



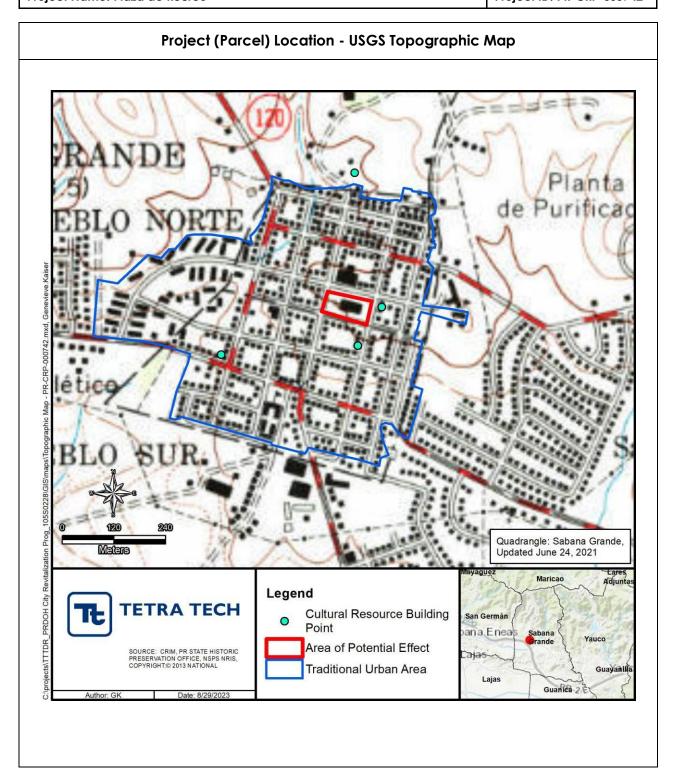
Project Name: Plaza de Recreo Project ID: PR-CRP-000742

# Project (Parcel) Location – Area of Potential Effect Map (Aerial) 121 Legend ects/TTTDR\_PRDOH City Cultural Resource Building San Germán **TETRA TECH** oana Eneas Yauco Area of Potential Effect Source: Cajas~ Parcels Lajas Visual APE Boundaries Guanica 2

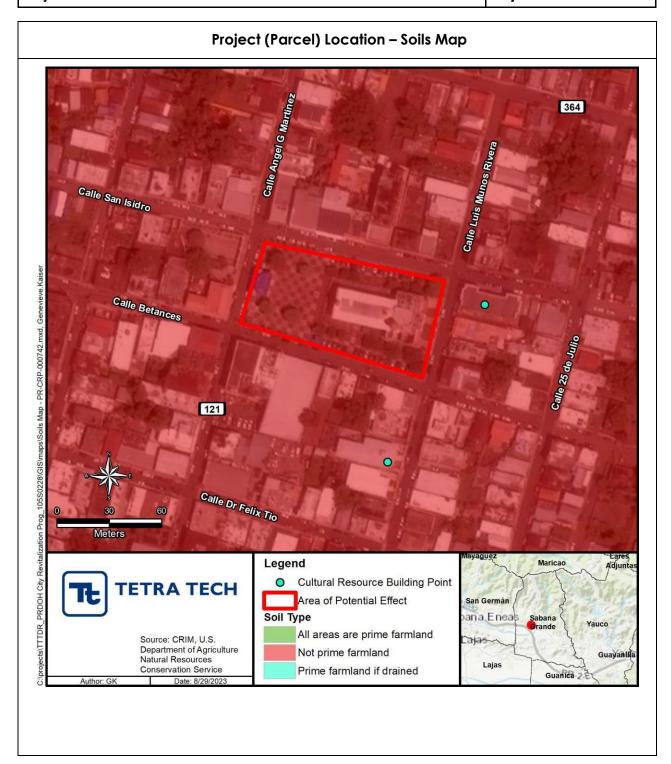




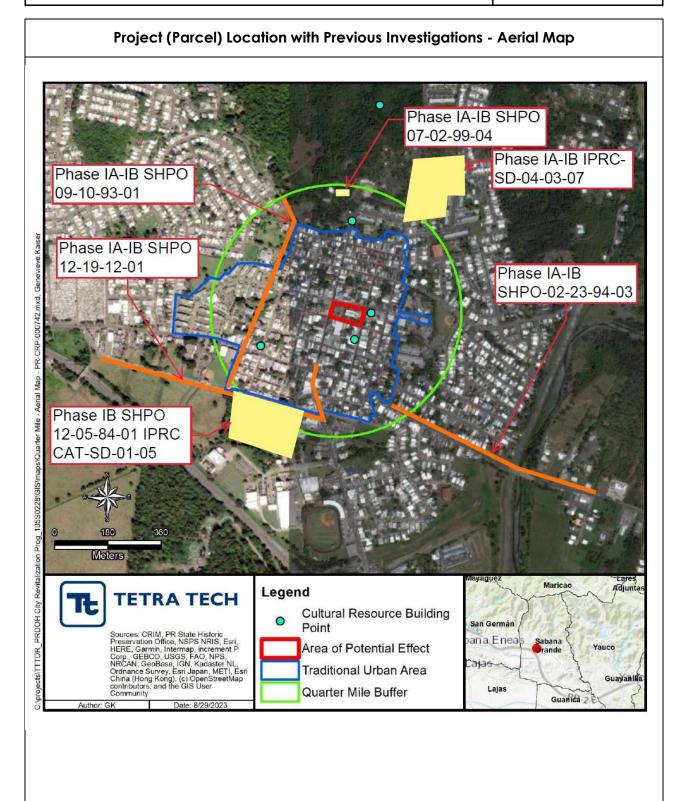


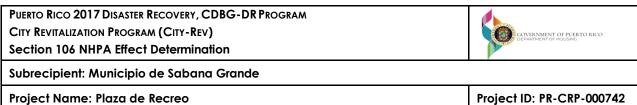


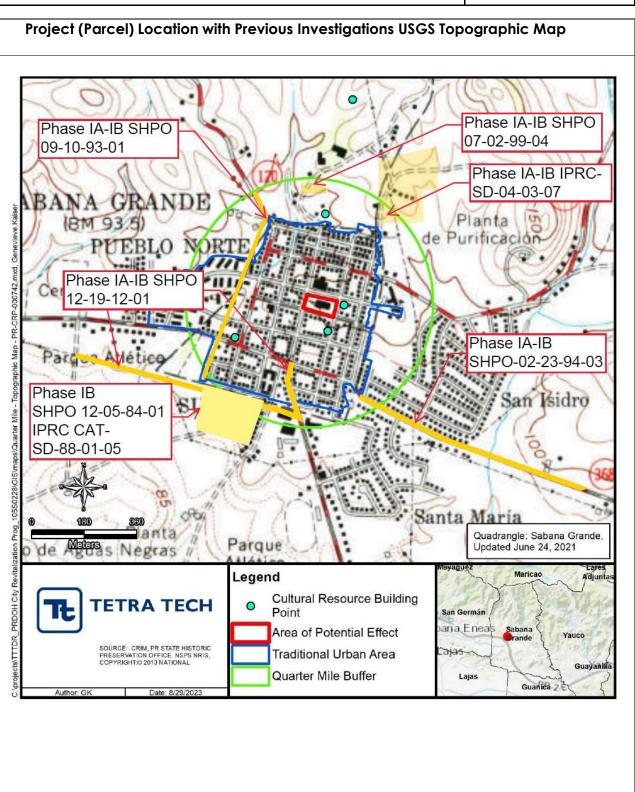












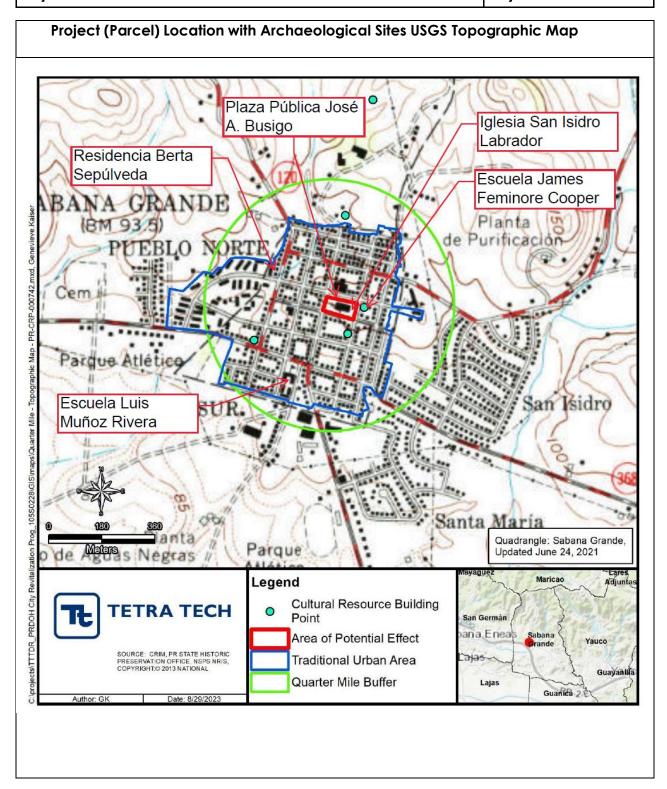


Section 106 NHPA Effect Determination

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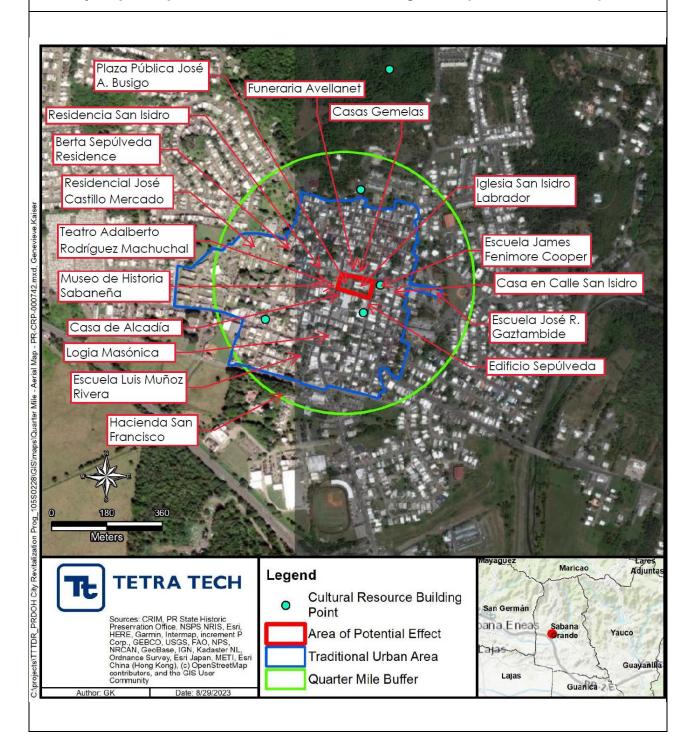
# Project (Parcel) Location with Archaeological Sites - Aerial Map Residencia Berta Plaza Pública José Iglesia San Isidro Sepúlveda A. Busigo Labrador Escuela James Feminore Cooper Escuela Luis Muñoz Rivera Legend **TETRA TECH** Cultural Resource Building San Germán Sources: CRIM, PR State Historic Preservation Office, NSPS NRIS, Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community ana Enea Area of Potential Effect Yauco ajas-Traditional Urban Area Guayanilla Lajas Quarter Mile Buffer Guanica 2

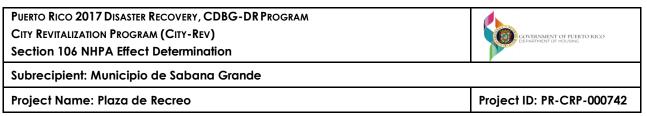


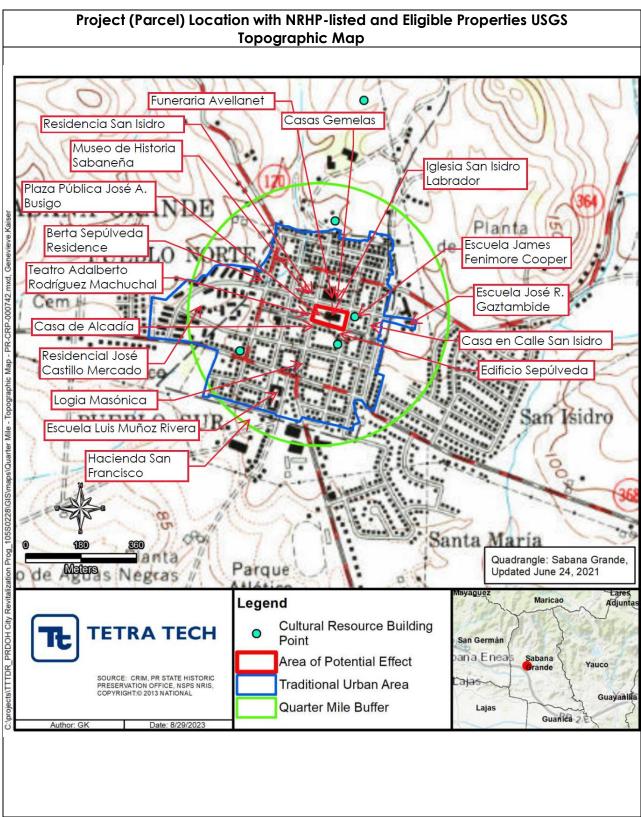


Project Name: Plaza de Recreo Project ID: PR-CRP-000742

# Project (Parcel) Location with NRHP-listed and Eligible Properties - Aerial Map







CITY REVITALIZATION PROGRAM (CITY-REV)

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# Photograph Key



CITY REVITALIZATION PROGRAM (CITY-REV)

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Photo #1:

**Description (include direction):** Front elevation, view to the west.

**Date:** 05/20/2022



Photo #2:

**Description (include direction):** Front elevation, view to the east.

CITY REVITALIZATION PROGRAM (CITY-REV)

Section 106 NHPA Effect Determination





GOVERNMENT OF PUERTO RICO



Photo #3:

**Description (include direction):** Front elevation, view to the south.

**Date:** 05/20/2022



Photo #4:

**Description (include direction):** Front elevation, view to the north.

CITY REVITALIZATION PROGRAM (CITY-REV)

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Photo #5:

**Description (include direction):** Angel G. Martínez Street view looking northeast.

**Date:** 05/20/2022



Photo #6:

**Description (include direction):** Angel G. Martínez Street view looking southwest.

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Photo #7:

**Description (include direction):** San Isidro Street view looking southeast.

**Date:** 05/20/2022



Photo #8:

**Description (include direction):** Plaza view, looking southwest.

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Photo #9:

**Description (include direction):** Sidewalk view looking southeast.

**Date:** 05/20/2022



Photo #10:

**Description (include direction):** Sidewalk view looking west.

CITY REVITALIZATION PROGRAM (CITY-REV)

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Photo #11:

**Description (include direction):** San Isidro Street view looking southwest.

**Date:** 05/20/2022



Photo #12:

**Description (include direction):** Luis Muñoz Rivera Streeet view looking southwest.

CITY REVITALIZATION PROGRAM (CITY-REV)

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Photo #13:

**Description (include direction):** Luis Muñoz Rivera Streeet view looking northeast.

**Date:** 05/20/2022



Photo #14:

**Description (include direction):** Betances Street view looking northwest.

CITY REVITALIZATION PROGRAM (CITY-REV)

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Photo #15:

**Description (include direction):** Sidewalk view looking southwest.

**Date:** 05/20/2022



Photo #16:

**Description (include direction):** Betances Street view looking northwest.

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Photo #17:

**Description (include direction):** Plaza view looking northwest.

**Date:** 05/20/2022



Photo #18:

**Description (include direction):** Betances Street view looking southeast.

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Photo #19:

Description (include direction): Rear Façade looking west.

**Date:** 05/20/2022



Photo #20:

**Description (include direction):** Side elevation looking south.

CITY REVITALIZATION PROGRAM (CITY-REV)

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Photo #21:

**Description (include direction):** Side elevation looking north.

**Date:** 05/20/2022



Photo #22:

**Description (include direction):** Side facade view looking northwest.

# **CONSTRUCTION DOCUMENTS**

## PLAZA PUBLICA JOSE A. BUSIGO REMODEL

BETANCES STREET, PUEBLO WARD, SABANA GRANDE, PUERTO RICO

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TITLE SHEET

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PROPOSED SITE PLAN

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AS105 ENLARGE GARDEN, PARKING PLAN & PATTERN FLOOR PLAN

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ES103 ELECTRICAL PANELS SCHEDULES & GENERAL NOTES STAGE LUMINARIES ROOF PLAN, KIOSK LUMINARIES ROOF PLAN & DETAILS E101





Zone x: Areas determined to be outside the 0.2% annual chance floodplain



Zonning Map



Puerto Rico Map



NO PROJECT MANAGEMENT



Emblem

PLAZA PUBLICA JOSE A, BUSIGO LOCATED AT BETANCES STREET SABANA GRANDE, PUERTO RICO TITLE SHEET & DRAWING INDEX



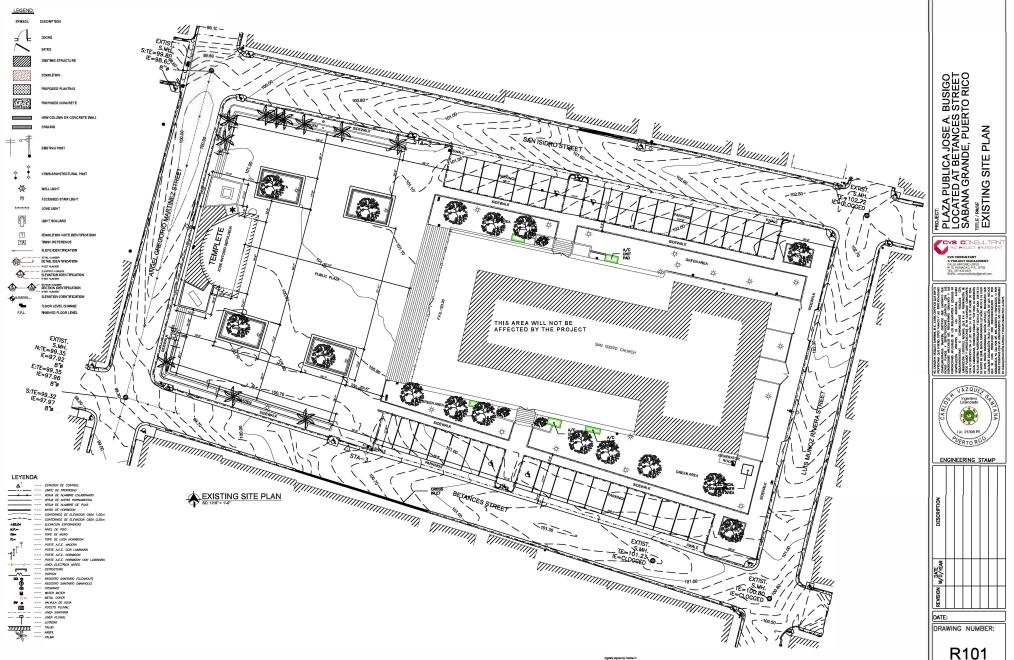






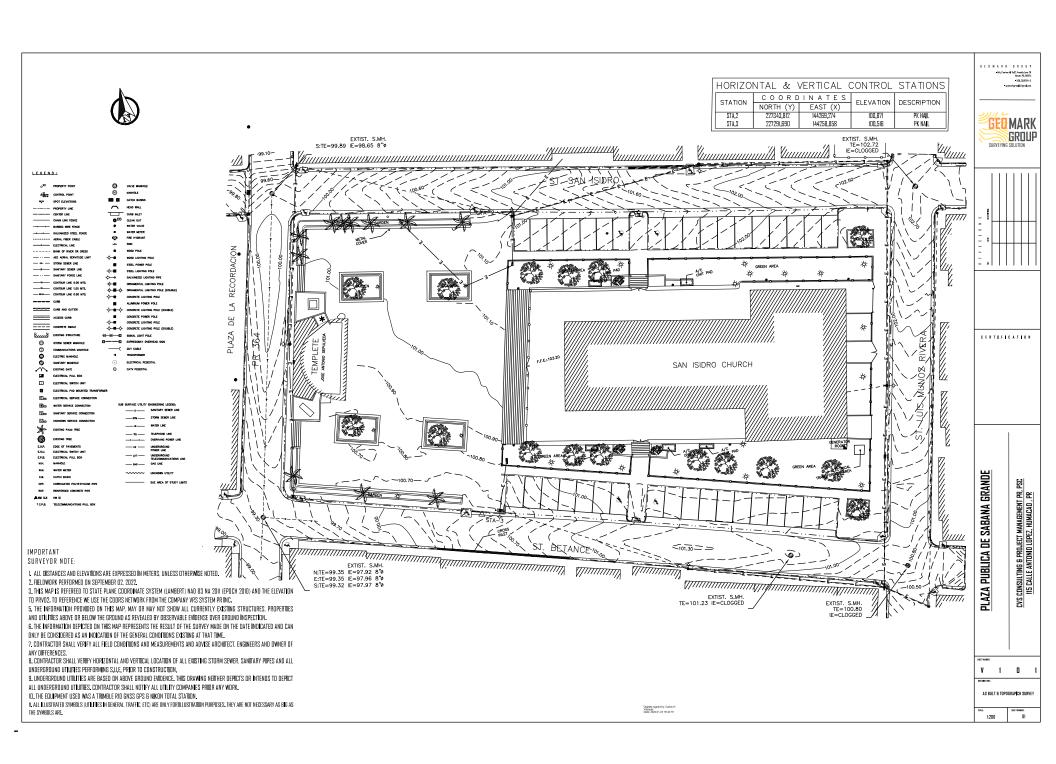
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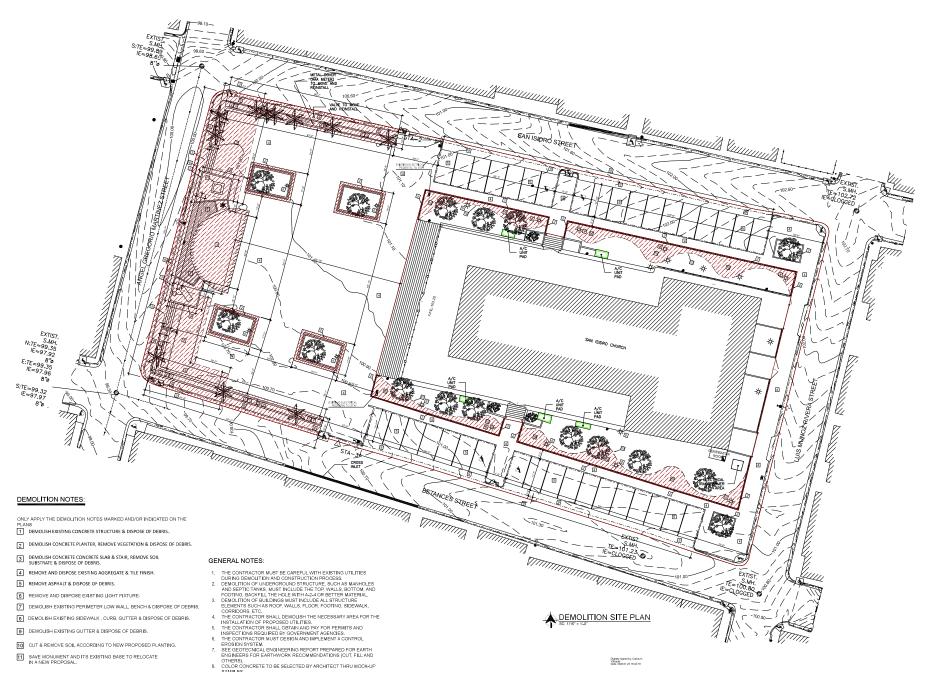
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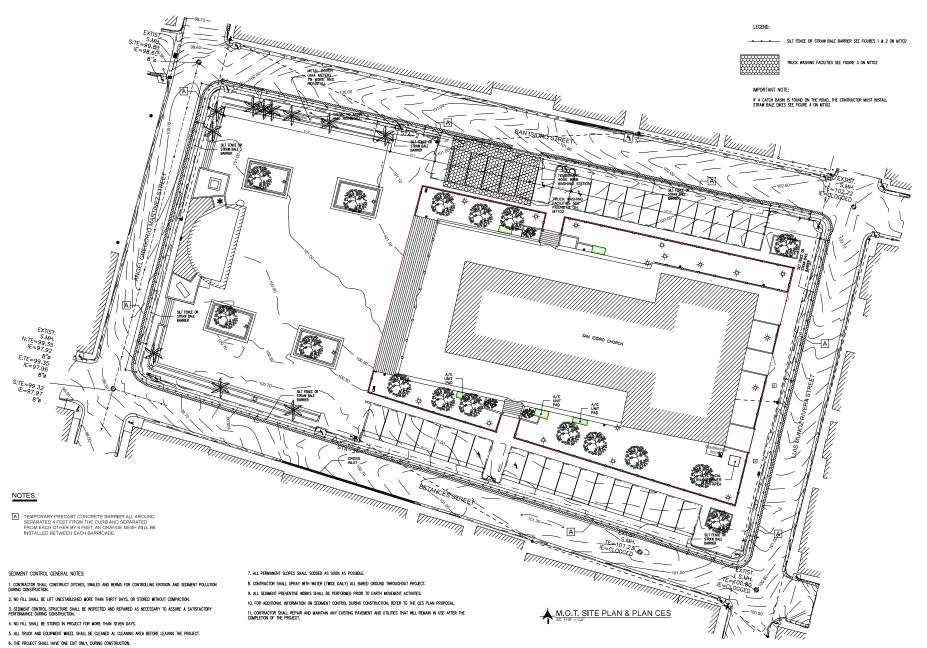
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DRAWING NUMBER:

AD101



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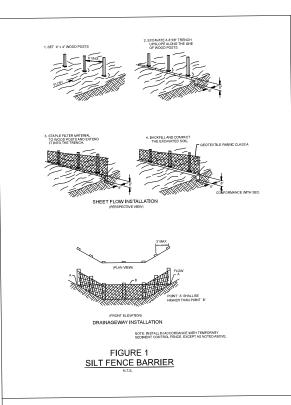
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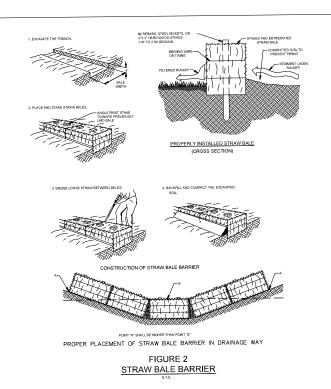
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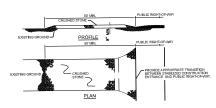
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MT101

Digitally signed by: Carlos H. Viscourc Date: 2024.01.23 16:44.19







## FIGURE 3 STABILIZED CONSTRUCTION ENTRANCE

## STABILIZED CONSTRUCTION ENTRANCE SPECIFICATIONS:

- STONE SIZE-USE MSHA SIZE NO. 2 (2-1/2" TO 1") OR AASHTO DESIGNATION M43, SIZE NO. 2 (2-1/2" TO 1-1/2"), USE CRUSHED STONE.
   LENGHT-AS EFFECTIVE, BUT NOT LESS THAN 50 FEET.

- 2. (IMMORING SPECIANE, BUT NOT LESS THAN BERTHÉIN BYONES.

  4. MUTHANT LESS THAN FELL WOTH OF ALL POWER'S BYONESS OR EGRESS.

  5. WASHING WASHINGESSARY, WIRES SHALL BE CLEARED TO REMOVE SEDIO THAN EAST SEDIO MERCAN TO THE ON WESTEROWING SEDIO MERCAN TO THE ON WESTEROWING SEDIO MERCAN TO THE OWNER SEDIO TO REMOVE SEDIO TO THE OWNER SEDIO TO THE OWNER SEDIO TO THE OWNER SEDIO TO THE OWNER SEDIO THE OWNER SEDIO THE OWNER SEDIO TO THE OWNER SEDIO THE OWNER SEDIOR THE OWNER SEDI

PLAZA PUBLICA JOSE A. BUSIGO PLAZA PUBLICA JOSE A. BUSIGO LOCATED AT BETANCES STREET SABANA GRANDE, PUERTO RICO TITLE / NO. T. SITE PLAN & PLAN CES

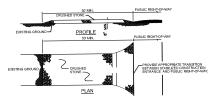




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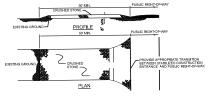
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## FIGURE 4 STABILIZED CONSTRUCTION ENTRANCE

### STABILIZED CONSTRUCTION ENTRANCE SPECIFICATIONS:

- STONE SIZE-USE MSHA SIZE NO. 2 (2-1/2" TO 1") OR AASHTO DESIGNATION M43, SIZE NO. 2 (2-1/2" TO 1-1/2"), USE CRUSHED STONE.
   LENGHT-AS EFFECTIVE, BUT NOT LESS THAN 50 FEET,

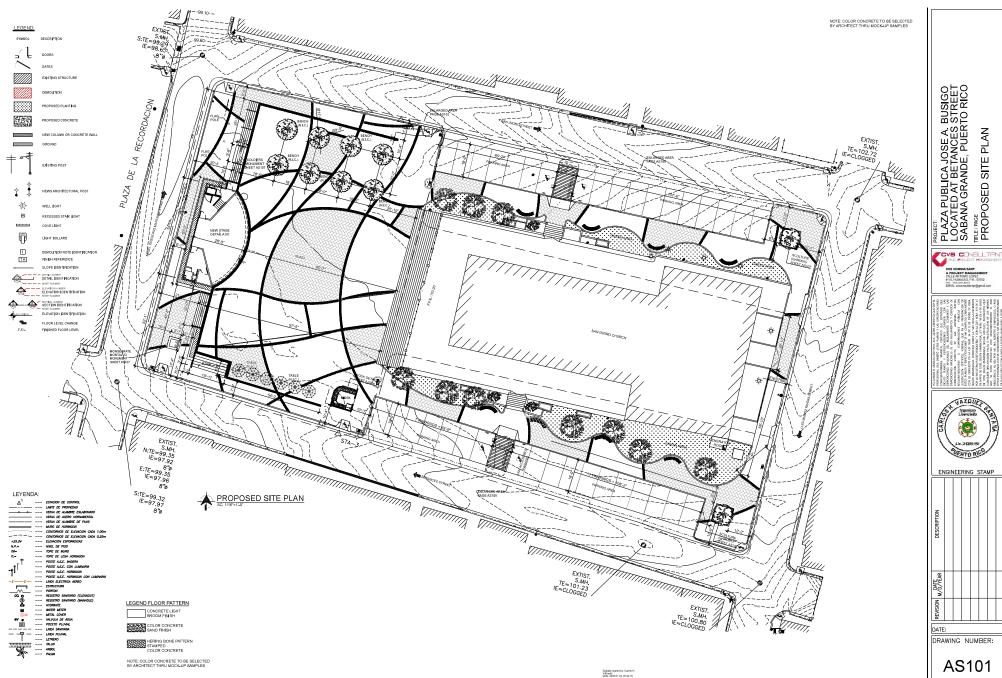


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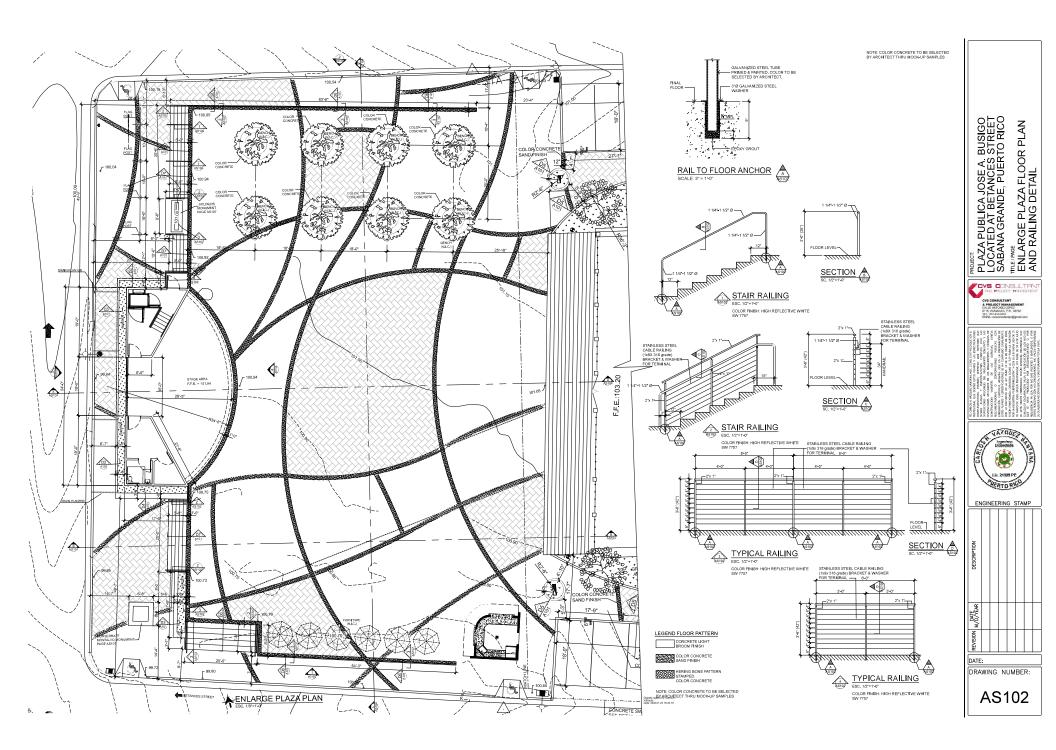
I, WIGHTHANT LESS THAN FULL WIGHT (IS) NOTHES.

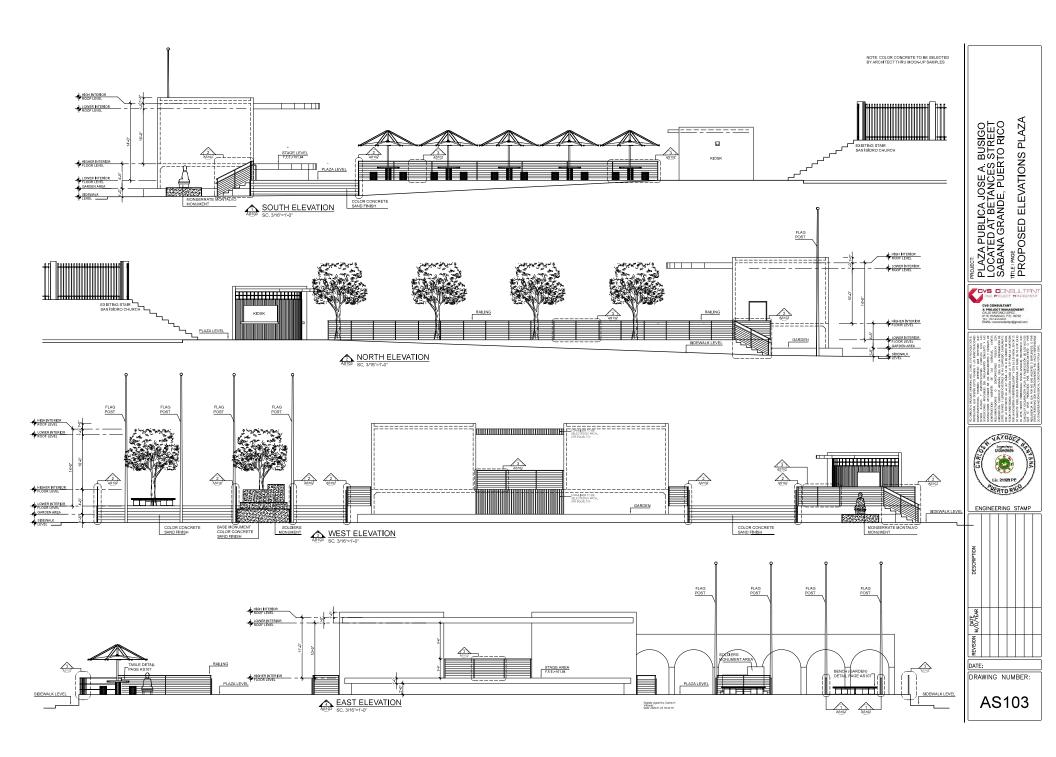
II, WIGHTHANT LESS THAN FULL WIGHT OF ALL POINTS INGRESS OR EGRESS.

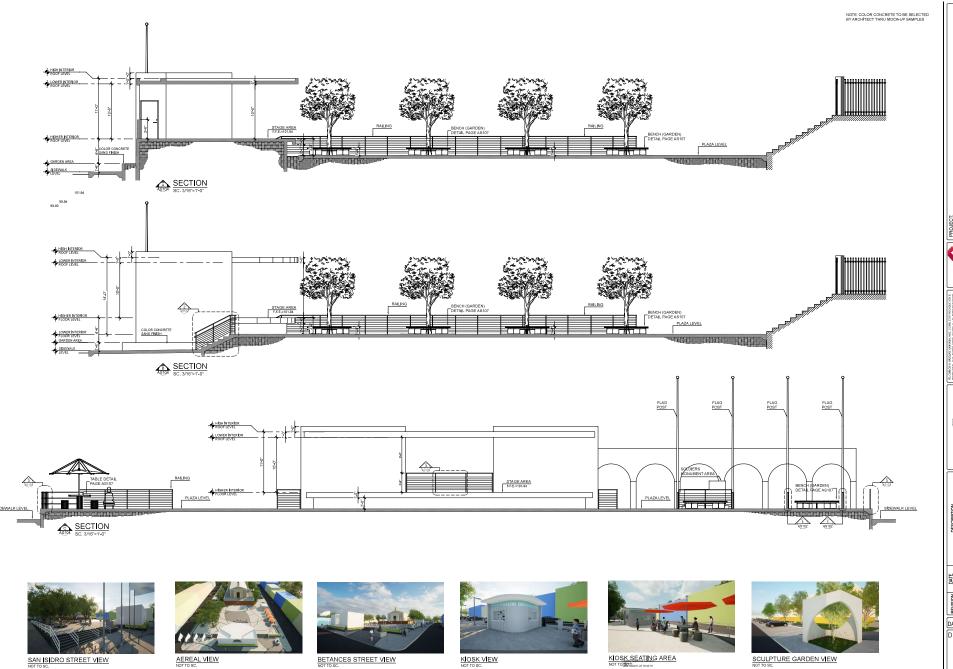
II, WIGHTHANT DESCRAFT, WHERES SHALL BE CLEARED TO REMOVE SECON, PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-COPANAY, WHEN WASHING IS REQUIRE TO ANAL IRE DOOR ON AN ARREST ASSELLED WITH CRUSHED STOKE WHICH DRIVE THAN ILL BE DOOR ON AN ARREST ASSELLED WITH CRUSHED STOKE WHICH DRIVE.



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PLAZA PUBLICA JOSE A. BUSIGO
LOCATED AT BETANCES STREET
SABANA GRANDE, PUERTO RICO
TITLE I PROPOSED SECTIONS PLAZA AREA

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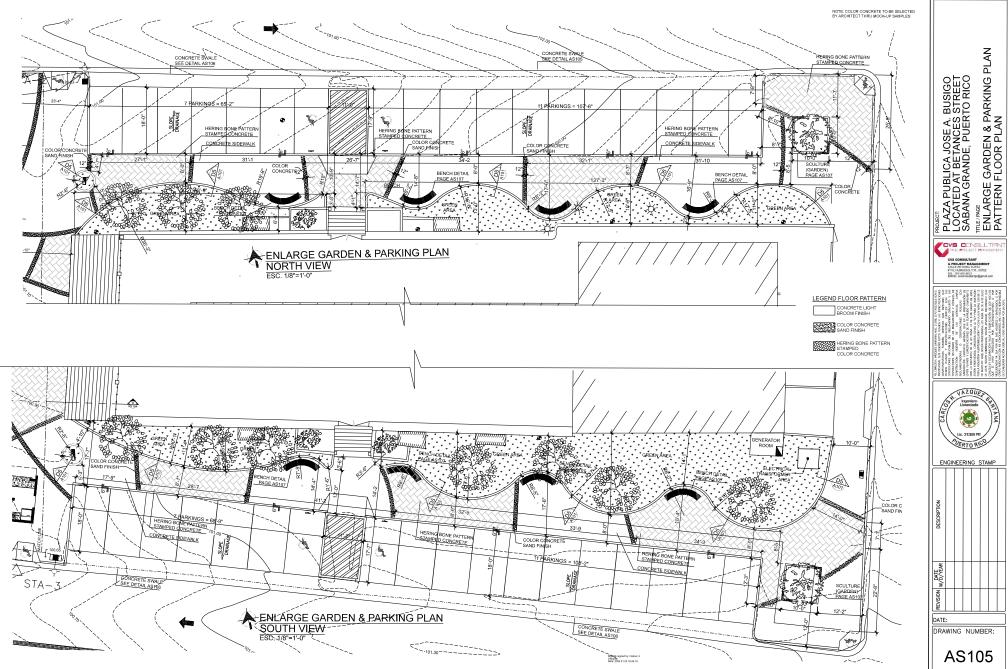
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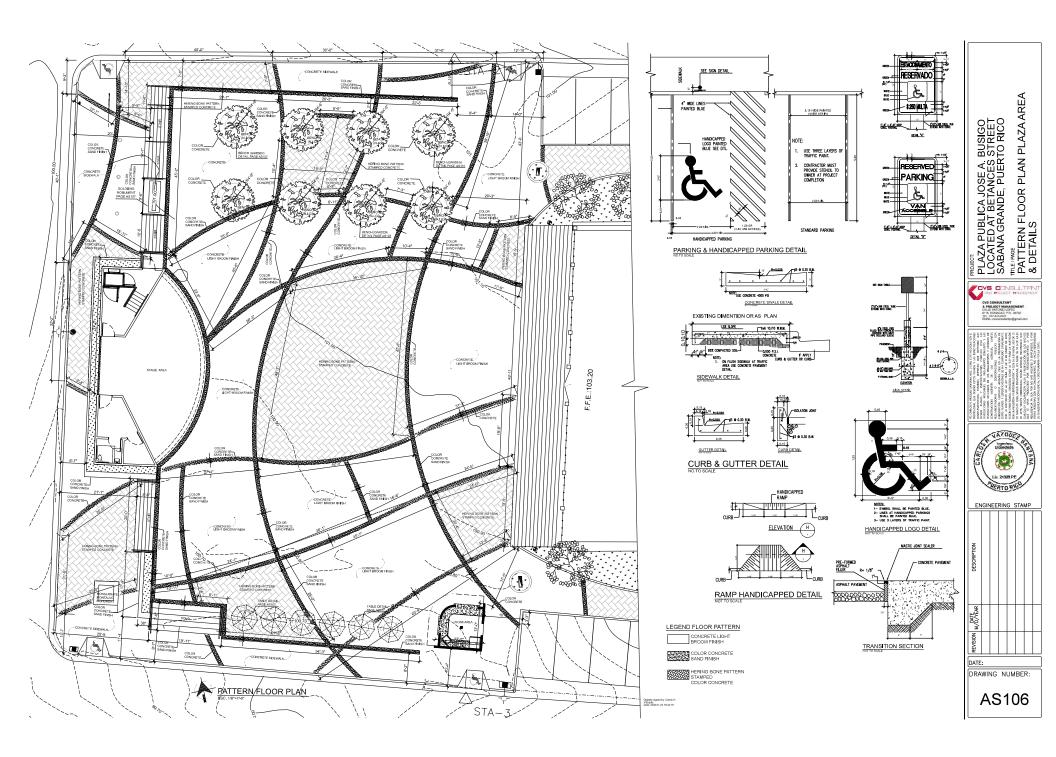
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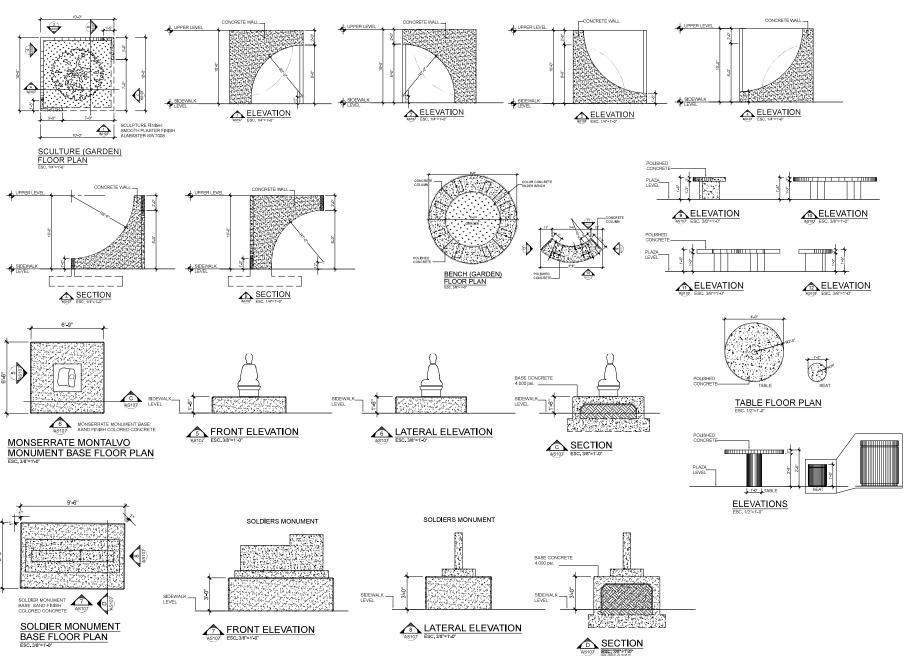
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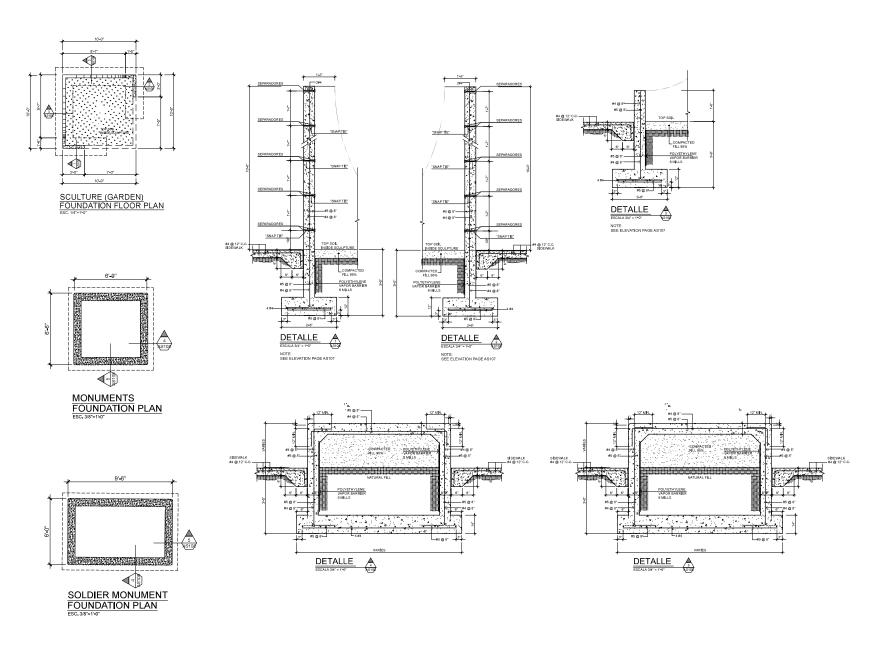




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AS107



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PLAZA PUBLICA JOSE A. BUSIGO
LOCATED AT BETANCES STREET
SABANA GRANDE, PUERTO RICO
TITLE PROJECT
STRUCTURAL ELEMENTS
& DETAILS

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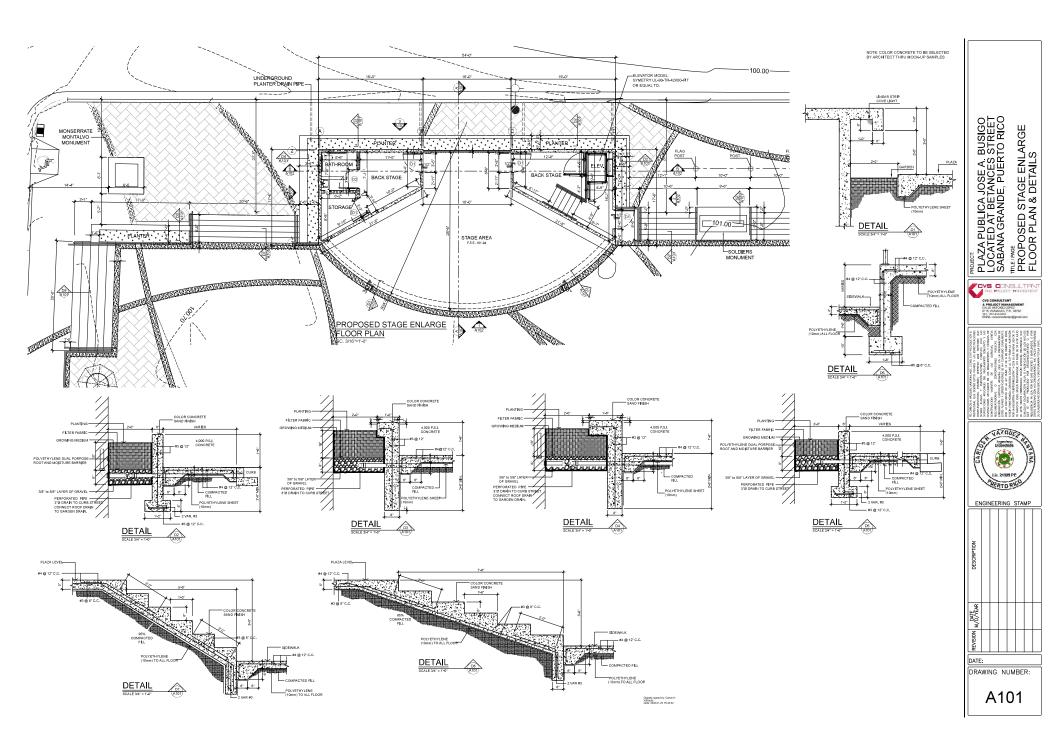
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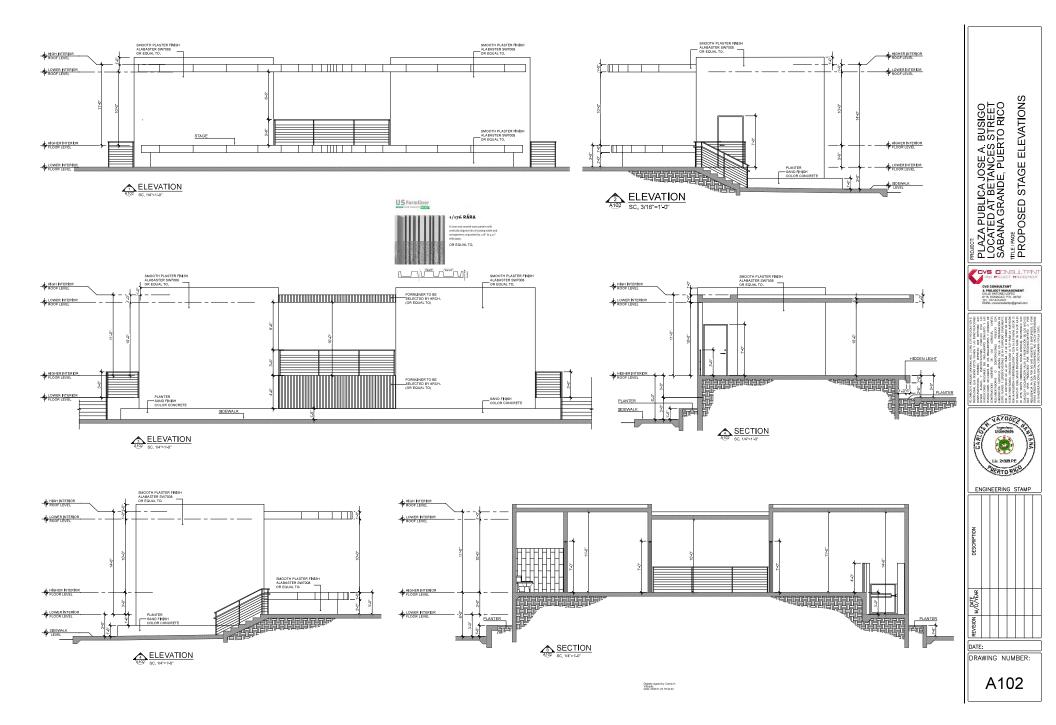


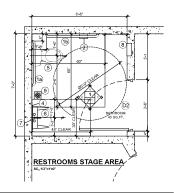


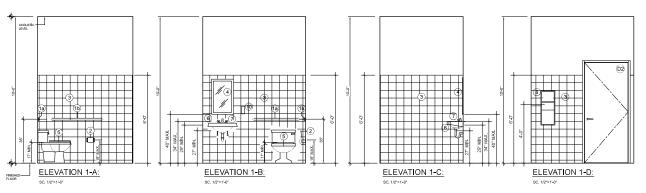
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	BATHROOM EQUIPMENT SCHEDULE									
M.K.D.	DESCRIPTION									
1	STAINLESS STEEL GRAB BARS WITH SNAP FLANGE - B5806 X 36(1s) AND B5806 X 42 (1b) - BOBRICK (OR EQUIVALENT)									
2	RECESSED PAPER HOLDER - 657B STAINLESS STEEL									
3	FINISH TABLE									
4	TILT MIRROR WITH STAINLESS STEEL FRAME									
6	ADULT'S TOILET - CADET RIGHT HEIGHT ELONGATED PRESSURE-ASSISTED TOILET - COLOR: WHITE (OR EQUIVALENT)									
<b>6</b>	ADULT'S SINK COLOR: WHITE (OR EQUIVALENT)									
7	FINISH TABLE FAUCET									
8	TRASH CAN PAPER DISPENSER 4" max. EXTRUSION									
9	FLOOR DRAINAGE									
100	SOAP DISPENSER									

### BATHROOM FINISHES

- TILE WALL: COLOR WHEELS CLASSIC, ARTIC WHITE, 6"x6" WALLS: ALABASTER SW7008 FLOORS: EXPOSED CONCRETE
- MATTE POLISHED CONCRETE FINISH CEILING: ALABASTER SW7008

#### STAGE FINISHES

FLOORS: EXPOSED CONCRETE - MATTE POLISHED CONCRETE FINISH WALLS: ALABASTER SW7008 CEILING: ALABASTER SW7008

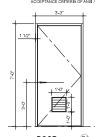
#### FLAG POLE

FLAG POLE: BY TROPICAL FLAG MFG., CO. (OR EQUIVALENT) (email: tropicalflag@gmailcom, tel. (787)878-7670 (787)817-3762)FLAGPOLE FLEIGHT 25-0", COLOR: SATINI, FLAGPOLE BALL TOPPER - 10", FLAGPOLE FLASH COLLAR - 4"FLAG POLE STRUCTURAL BASE FOUNDATION: AS RECOMENDED BY MANUFACTURER

	DOOR SCHEDULE											
MKD.	DOOL	R SIZE	FRAME		DETAILS							
MKD.	WIDTH	HEIGHT	FRAME	DOOR								
03	3'-3"	7'-0"	HALLOW METAL	ANSI FUNCTION	HALLOW METAL FRAME SOLID CORE WHITE, BİRCH 12"x12" LOUVER (OR EQUAL TO.)							
62	3'-3"	7-0"	HALLOW METAL	ANSI FUNCTION	FLUSH SOLID CORE ALUMINUM FINISH COLOR: WHITE (OR EQUAL TO)							
03	3'-3"	7-0"	HALLOW METAL	ANSI FUNCTION	HALLOW METAL FRAME SOLID CORE WHITE, WITH FULL FIXED LOUVERS (OR EQUAL TO.)							

- NOTE:

  1. ALL EXTERIOR WINDOW, DOOR AND GATE ASSEMBLIES MUST BE TESTED AND I FRELED ACCORDING TO AAMA / WIDMA / CSA 101 / J.S. 2 / A440
- STRUCTURAL PERFORMANCE OF ROLLING DOORS SHALL BE DETERMINED IN ACCORDANCE WITH ASTM E330 OR ANSI/ DASMA 108, AND SHALL MEET THE ACCORDANCE CRITERIA OF ANSI/ LOS SMA 108.

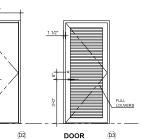


DOOR FRAME: HOLLOW METAL FRAME DOOR: HOLLOW METAL F109 121/12 (LOVER LEVER: ANSI FUNCTION F86 (STOREROOM) HINGES (4) FINISH: ALL HARDWARE TO BE SATIN CHROME FINISH.

DOOR STOP WITH KEEPER

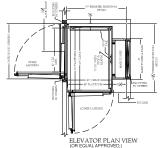
1 1/2" (D2) DOOR

FRAME: HOLLOW METAL FRAME DODS: HOLLOW METAL LEVER: ANSI F18 HARDVARNE: BALL BEARING HNOES 91, CLOSER (PARALLEL ARM, KÖXPLATE FINISH: ALL HARDWARE TO BE SATIN CHROME FINISH.



FRAME: HOLLOW METAL FRAME DOOR:HOLLOW METAL F109 WITH FULL FIXED LOUVERS LEVER: ANSI FUNCTION F86 HARDWARE: BALL BEARING HINGES (4) FINISH: ALL HARDWARE TO BE SATIN CHROME FINISH.

DOOR STOP WITH KEEPER



GRAB BAR (SPACES)

GRAB BARS (SIZES)

#### CONSTRUCTION NOTES:

- CONSERVED A TOTAL OF THE CONTROL OF

THAT A SERIOR, SOME AND AND ADMINISTRATION IN BESTIGET OF A POWER AND AND THE AND ADMINISTRATION OF A POWER ADMINISTRATION OF

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LOCATED AT BETANCES STREET
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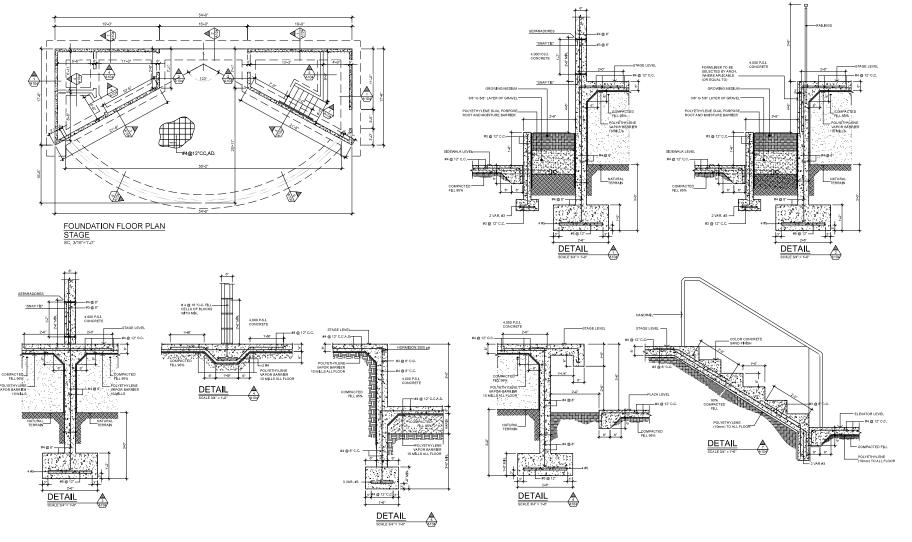


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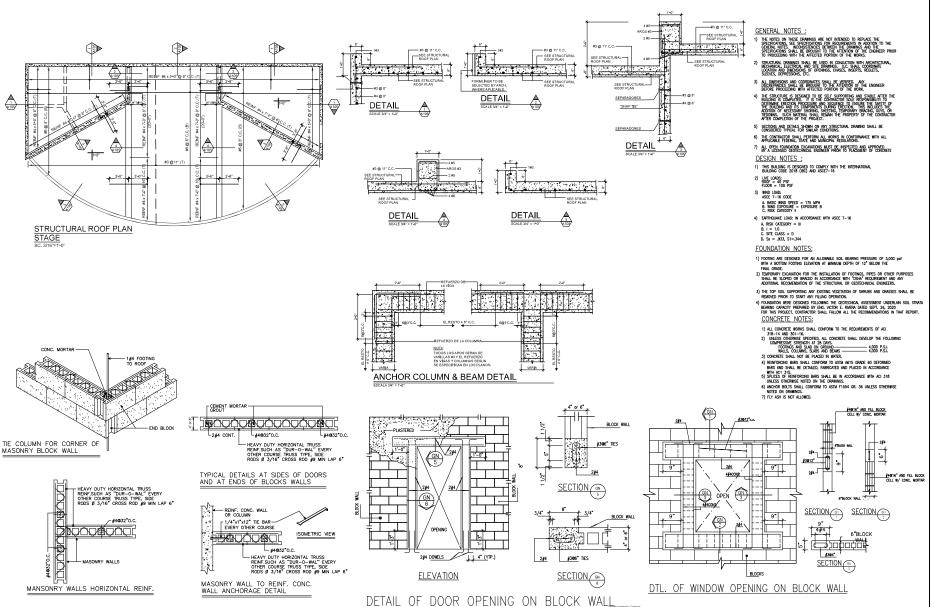


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LOCATED AT BETANCES STREET
SABANA GRANDE, PUERTO RICO
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PLAN & DETAILS CVS CENSILTEN DATE: DRAWING NUMBER: A104



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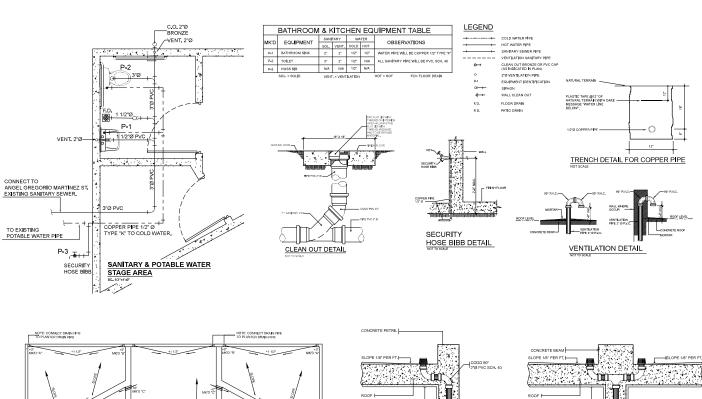


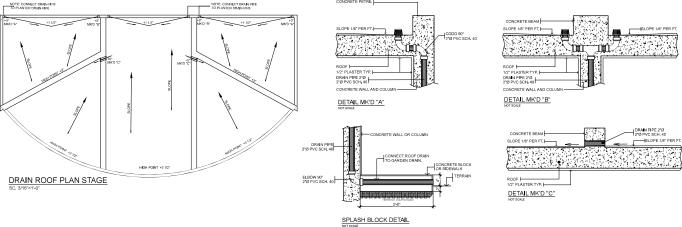
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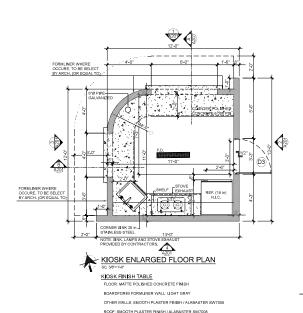
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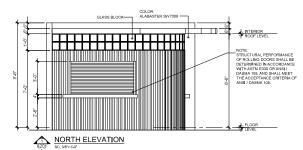
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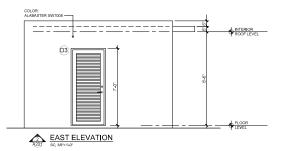
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LOCATED AT BETANCES STREET
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TITLE PROBLE
SANITARY & POTABLE WATER
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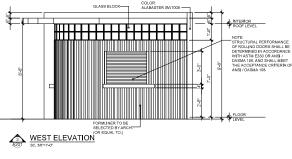
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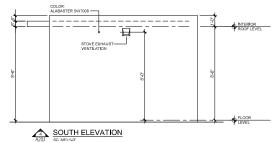


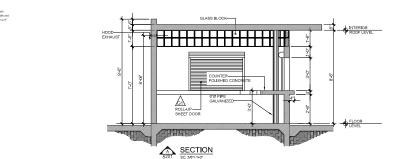
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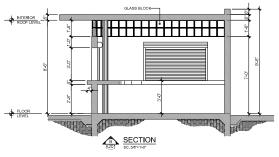


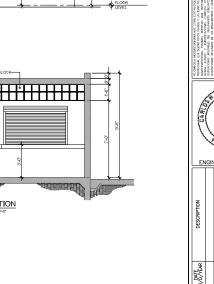












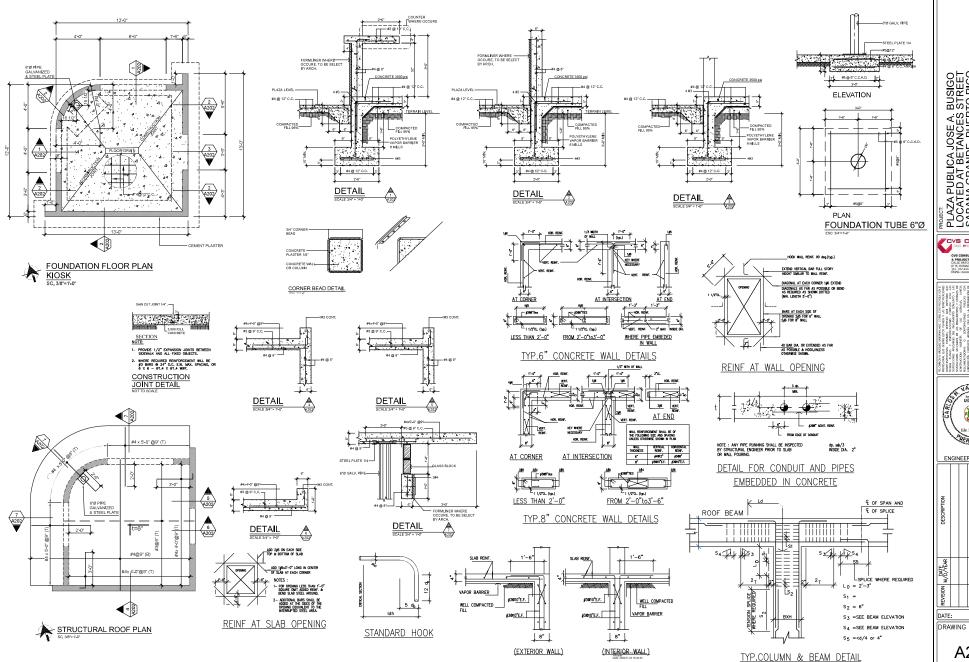
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STRUCTURAL ROOF PLAN PROBLECT
PLAZA PUBLICA JOSE A, BUSIGO
LOCATED AT BETANCES STREET
SABANA GRANDE, PUERTO RICO
TITLE PROBLECT
FOUNDATION, STRUCTURAL ROO
AND DETAILS

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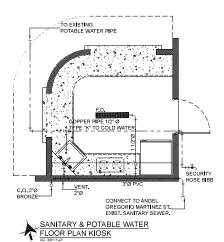


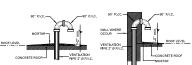


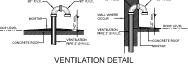


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#### BATHROOM & KITCHEN EQUIPMENT TABLE SANITARY WATER EQU**I**PMENT OBSERVATIONS 2" 1/2" N/A TOILET P-3 SINK P-4 URINAR P-5 SHOWER 2° 2° 1/2° 1/2° 2° 2° 1/2° 1/2° 2" 2" 1/2" 1/2" N/A N/A 1/2" N/A P-7 HOSS BIB VENT. = VENTILATION

ADD SANITARY CLEAN OUT EVERY 50 FEET ON SIDEWALK OR GREEN AREAS.

SINKS THAT DON'T HAVE HOT WATER BOTH KEYS MUST CONNECT ONE CONNECTION

#### PLUMBING GENERAL NOTES:

TO THE CONTRACTOR SHALL SUPPLY AND INSTALL IN THE CORRESPONDING LOCATION THE CONTRACTOR SHALL SUPPLY AND INSTALL IN THE CORRESPONDING LOCATION SHALL S

ABOUT OR COLOUR VIREINFERS.

Just lies 3000 of the source couplement that clear of previous pressures to be compared to the couplement of 
TURLESS OTHERWISE NOTED, ALL 3" OR LESS FIPE USED FOR DRAININGE WILL HAVE A 14" PER FOOT, PIPE LARGER THAN 3" WILL HAVE SLOPE WITTER FOOT.

9) FOR POTABLE WATER FIRE WILL BE USED COPPER TYPE WILL BE

STATE OF ORDER ON THE ONLINE ORDER OF THE A RANGE I, SOMEOUR BY STATE ORDER I, SOMEOUR BY STATE ORDER I, SOMEOUR BY STATE ORDER ON TO COLD WARR IS SUPPLIED, DOUBLE ANGLE MUST BE INSTALLED OVER BOTH ORDER OF STATE OF THE MUST.

### LEGEND

0-+

COLD WATER PIPE HOT WATER PIPE SANITARY SEWER PIPE VENTILATION SANITARY PIPE CLEAN OUT BRONZE OR PVC CAP (AS INDICATED IN PLAN) 210 VENTUATION PIPE EQUIPMENT IDENTIFICATION SIPHON WALL CLEAN OUT FLOOR DRAIN PATIO DRAIN CHECK VALVE

BALL VALVE

HIDRAULIC PUMP

PROJECT PROBLICA JOSE A. BUSIGO PLAZA PUBLICA JOSE A. BUSIGO LOCATED AT BETANCES STREET SABANA GRANDE, PUERTO RICO MILLIPAGE SANITARY & POTABLE WATER FLOOR PLAN KIOSK AREA CVS CINBLITHN



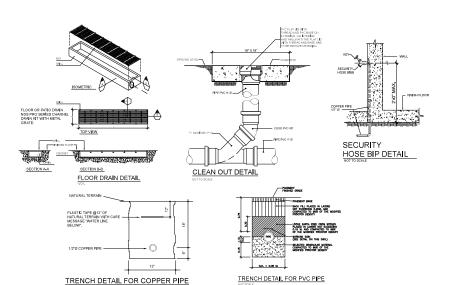


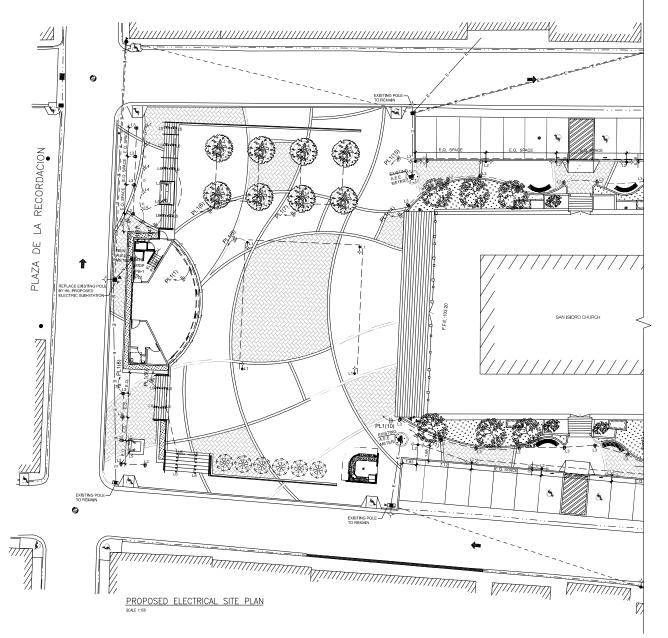


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DATE:

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Location Map

d83 X: 189941 068, Y: 224195 127 (Lat: 18 051913, Lon: -66 528342)

### ELECTRICAL SITE LEGEND:



NEW CONCRETE POLE. H6 WITH LUMINARIE.

NEW PRIMARY ELECTRICAL FEEDER, #3/0 ACSR, 4.16 KV, 30, 4W. SEE ELECTRICAL DIAGRAMS AND SECTIONS FOR DETAILS.

NEW UNDERGROUND LIGHTING CIRCUIT, 36" BELOW FINISHED GRADE. SEE LIGHTING CONTACTOR DIAGRAM FOR DETAILS.

(4.16) E \_\_\_\_ EXISTING LUMA AERIAL LINE 4.16 KV,

----- EXISTING SECONDARY LUMA AERIAL LINE

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PROPOSED ELECTRICAL SITE PLAN

PROPOSED ELECTRICAL SITE PLAN

PROPOSED ELECTRICAL SITE PLAN

#### CERTIFICACIÓN DEL DISEÑADOR

I.CERTIFICO QUE SOY INGENIERO, AGRIMENSOR O ARQUITECTO, LICENCIADO Y COLEGIADO EN CUMPLUNIENTO CON LA LEY 173 DE 1988, SEGÚN ENMENDADA, Y ESTOY AUTORIZADO POR EL DUEÑO DEL PROYECTO A PRESENTAR ESTOS PLANOS DE CONSTRUCCIÓN ANTE LUMA EMERGY COMO OPERADOR Y ADMINISTRADOR DEL SISTEMA DE TRANSMISIÓN Y DISTRIBUCIÓN DE LA AEE.

CISTRIBUCIÓN DE L'AZEL.

SEVA PARROMÁ COU LAS ESPOSICIONES DE LA LEY NÚM. 7 DEL 19 DE JULIO DE 1985, SEGÚN EMERIDADA, CONOCIDA COMO LEY DE CERTIFICACIÓN DE PLANOS DE CONSTRUCCIÓN. CERTIFICO QUE PREPARE EL DISENSO ELECTRIFO DE ESTE PROYECTO EN CONFORMADO COU LOS CÓDICOS. PATROMES, NORMAS Y REGLAMENTOS APROBACOS POR LA ASEL, LA JUNTAD DE LANDICACIÓN Y LA OFICIAN DE GERENÍZOS DE FERMÍSOS. ENGINEERING STAMP FIRMA DEL DISEÑADOR ENDOSO NOMBRE DE PROYECTO: PLAZA BUSIGO NÚMERO DE PROYECTO: \_ - -CARGA (KVA): \_\_\_\_\_100 REVISIÓN: 0

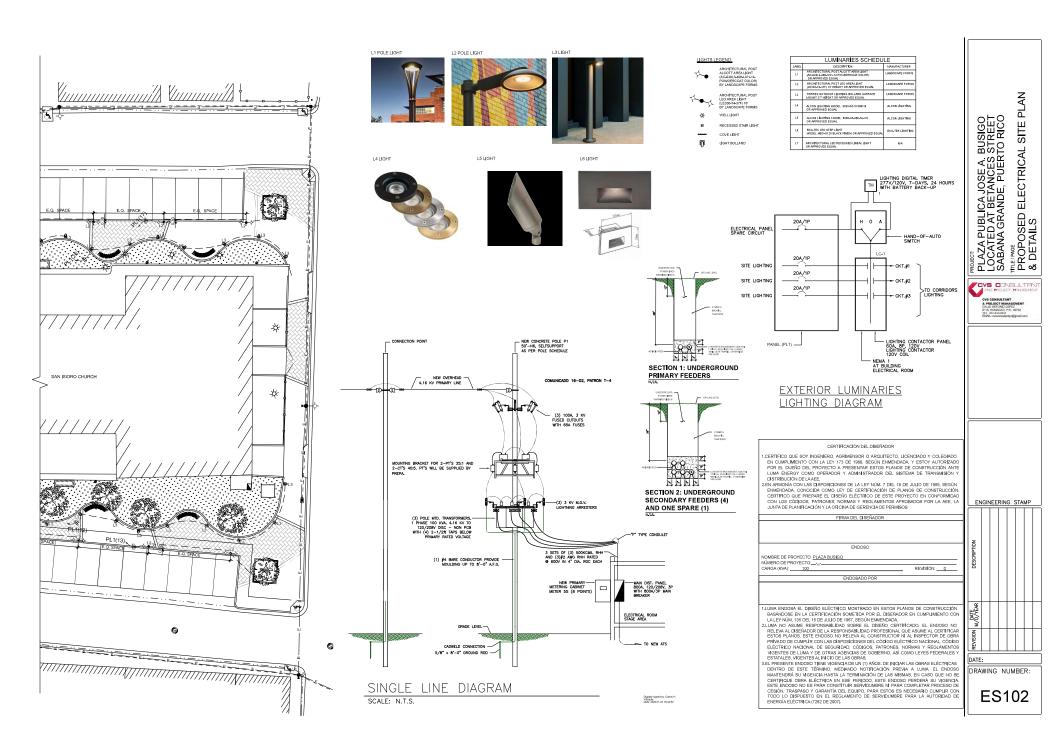
LIUMA ENDOSA EL DISEÑO ELÉCTRICO MORTRADO EN ESTOS PLANOS DE CONSTRUCÇÃO:
BASÁNDOSE PLI A CERTIFICACIÓN SOMETIDA POR EL DISEÑADOS EN CUMPLIMIENTO CON
LA LEYTIMA I SIDE LES ELLADO EN 1997. SEÑO PREMINADA.
2. JUMA NO ASUME RESPONSABILIDAD SORRE EL DISEÑA OCRETICADO. EL ENDOSO NO
RECIENA AL CISAMADOR DE LA RESPONSABILIDAD PROSPESIONAL QUE SAUDA EL CERTIFICAR
ESTOS PLANOS. ESTE ENDOSO NO RELENA AL CONSTRUCTOR HA IL INSPECTOR DE CERRA
PRÍMADO DE CUMPLIR CON LA SISTEMOSOCIONES DEL COCIDO ELÉCTRICO NACIONAL COSISTANDO.
ELÉCTRICO PACIONAL DE ESCURIDAD. COZIQUES PRIVADO EN NORMAS Y RECURRALES VISE
SENTÁLES, MONTES EL NICIONAL DE LA CONSTRUCTOR HA EL INSPECTOR DE CERRA DE SENTALES. MONTES EL RECURRA DE LA CONSTRUCTOR DE CONTROLO EL PERSONAL DE LA CONTROLO DE LA CONTROLO DE LA CONTROLO PERO AL DIAMA EL ENDOSO
MANTIFICADA SU VIGENCIA HASTA LA TERMINACIÓN DE LAS MISAS. EN CASO QUE NO SE
CERTIFICADE COSTA ELECTRICA DE USER ENRADOS PEROPERA SU VIGENCIA HASTA LA TERMINACIÓN DE LAS MISAS. EN CASO QUE NO SE
CERTIFICADE CORRA ELECTRICA DE USER ENRADOS PEROPERA SU VIGENCIA HASTA LA TERMINACIÓN DE LAS MISAS. EN CASO QUE NO SE
CERTIFICADE CORRA ELECTRICA DE USER ENRADOS PEROPERA SU VIGENCIA.

CERTIFICADE CORRA ELECTRICA DE USER ENRADOS PEROPERA SU VIGENCIA.

CORRADO TRADAS Y GARACHÍA DEL EQUIPO. PARA ESTOS ES NECESARAJO CUMPLIR CON
TODO LO DISPUSETO DE EL RECELAMENTO DE SERVIDUMBRE PARA LA AUTORIDAD DE
ENRIGA ELECTRICA DE CALOMITO.

DRAWING NUMBER:

ES101



#### **ELECTRICAL PANELS SCHEDULES**

PANEL NAME		E	PANEL LOCATION		P/	ANEL	SCH	EDULE		CIRCUIT BREAKER REMARKS			
MDP			STAGE-ELECTRICAL ROOM	BUS RATING		800A VOL1		VOLT.	AGES	S = SHUNT TRIP H = HACR G = 3FCL L = OB LOCK TC = TIME CLK			
FEED			MAIN C/B OR MAIN LUG RATING & TYPE	AIC F	ATING	42,000A		L-L	208	NB = NEW OB Sx = SWITCH CONTROL Cx = CONTACTOR CONTROL			
воттом			800 A MAIN LUG RATING	BUS MATERIAL		COPPER			120	EX = EXISTING LOAD TO REMAN INL = NEW LOAD ON EXISTING			
CKT NO.	NO. BREAKER COND.		LOAD DESCRIPTION	WIRE		PHASING L1 L2 L3			WIRE	LOAD DESCRIPTION	COND.	BREAKER	CKT NO
1				7,050		T	7,050					2	
3	40/3	1"	25 KVA DRY TRANFORMERFOR PB-1	3#8 & 1#8 G	5,730			5,730	3#8 & 1#8 G	25 KVA DRY TRANFORMER FOR PB-2	1"	40/3	4
5					5,630			5,650					6
7	70/3 1-1/-			3#4 & 1#6 G	10,350			0		SPACE	140	-	8
9		1-1/4"	45 KVA DRY TRANFORMERFOR PL1		9,050			0	7.1	SPACE		•	10
11					8,2)0			0	7	SPACE		-	12
13	-		SPACE	¥	C			0		SPACE	-	-	14
15		1	SPACE		С			0		SPACE		-	16
17	4	4	SPACE		С			0	18	SPACE	1.0	- 18	18
19	- 2	-	SPACE	4	c			0	4.	SPACE		-	20
21	*	5.	SPACE		c			0	100	SPACE	100	~	22
23	-	- 5	SPACE		С	П		0	- 2-1	SPACE	1-27		24
						Г		24,350	TOTAL O	ONNECTED LOAD IN VA - PHASE A			
						1		20,510	TOTAL O	ONNECTED LOAD IN VA - PHASE B			
								19,500		ONNECTED LOAD IN VA - PHASE C	16		
			Charles Wast					64,360		ONNECTED LOAD IN VA - ALL PHASES			
			NEC DEMAND LOAD IN AMPS (125%)		22331	1		178.65	TOTAL O	ONNECTED LOAD IN AMPS - ALL PHASE	S		

PANEL NAME PL1		E	PANEL LOCATION	100	P/	NEL SCHE			CIRCUIT BREAKEF REMARKS			
			STAGE-ELECTRICAL ROOM	BUS I	RATING	125A VOLT.		AGES	S = SHUNT TRIP H = HACR G = GFCI L = CIB LOCK TC = TIME CLK  NB = NEW CIB Sx = SWITCH CONTROL Cx = CONTACTOR CONTROL			
FEED	FEED MOUNTING		MAIN C/B OR MAIN LUG RATING & TYPE	AIC F	AIC RATING		L-L	208				
BOTTOM FLUSH		ISH	225 A MAIN LUG RATING	BUS MATERIAL		COPPER	L-N	120	EX = EXISTING LOAD TO REMAIN INL = NEW LOAD ON EXISTING			IG .
CKT NO.	BREAKER	COND.	LOAD DESCRIPTION	WIRE	LOAD VA	PHASING L1 L2 L3	LOAD VA	WIRE	LOAD DESCRIPTION	COND.	BREAKER	CKT NO
1	20/1	3/4"	EXTERIOR LIGHTING	2#12 &1#12 G	1,200		1,200	2#12 &1#12 G	EXTERIOR LIGHTING	3/4"	20/1	2
3	20/1	3/4"	EXTERIOR LIGHTING	2#12 &1#12 G	1,200		1,200	2#12 &1#12 G	EXTERIOR LIGHTING	3/4"	20/1	4
5	20/1	3/4"	EXTERIOR LIGHTING	2#12 &1#12 G	1,200		1,200	2#12 &1#12 G	EXTERIOR LIGHTING	3/4"	20/1	6
7	20/1	3/4"	EXTERIOR LIGHTING	2#12 &1#12 G	1,200	E	1,200	2#12 &1#12 G	EXTERIOR LIGHTING	3/4"	20/1	8
9	20/1	3/4"	EXTERIOR LIGHTING	2₩12 &1#12 G	1,200		1,200	2#12 &1#12 G	EXTERIOR LIGHTING	3/4"	20/1	10
11	20/1	3/4"	EXTERIOR LIGHTING	2#12 &1#12 G	1,200		1,200	2#12 &1#12 G	EXTERIOR LIGHTING	3/4"	20/1	12
13	20/1	3/4"	EXTERIOR LIGHTING	2#12 &1#12 G	1,200		1,200	2#12 &1#12 G	EXTERIOR LIGHTING	3/4"	20/1	14
15	20/1	3/4"	EXTERIOR LIGHTING	2#12 &1#12 G	1,200		1,200	2#12 &1#12 G	EXTERIOR LIGHTING	3/4"	20/1	16
17	20/1	3/4"	EXTERIOR LIGHTING	2#12 &1#12 G	1,200		0		SPACE	-	-	18
19	- 2	1	SPACE		0	11	0	- 1	SPACE		-	20
21	-	-	SPACE		0		0	-	SPACE	-	191	22
23	9		SPACE	1.0	0		0	1.144	SPACE		3	24
25	-		SPACE		0		0	3.	SPACE.	0.	-	26
27		135	SPACE	131	0		0	1.0	SPACE	13.5	-	28
29	-		SPACE	18	0		0	9	SPACE		-	30
						17	7,200		ONNECTED LOAD IN VA - PHASE A			
							7,200		INNECTED LOAD IN VA - PHASE B			
							6,000		ONNECTED LOAD IN VA - PHASE C			
							20,400		ONNECTED LOAD IN VA - ALL PHASES	A		
			NEC DEMAND LOAD IN AMPS (125%)		70.78		56.62	TOTAL CO	NNECTED LOAD IN AMPS - ALL PHASE	S		

1.  $\underline{\text{GENERAL NOTES}}$  1.THESE DRAWINGS COINCIDE WITH DRAWINGS SUBMITTED TO THE PERMITS AND REGULATIONS

1.THE PROJECT'S OWNER IS RESPONSIBLE TO PROCESS AND OBTAIN, BEFORE WORK STARTING DATE (COMIENZO DE OBRA) ALL REQUIRED ENDORSEMENTS PERMITS AND RIGHT OF WAY BY GOVERNMENT FEDERAL, STATE, MUNICIPAL AND PRIVATE AGENCIES CONCERNING THE DEVELOPMENT OF THE PROPOSED

1. THE PROJECT'S OWNER SHALL CONTRACT THE SERVICES OF A LICENCED AND COLLEGIATED PROFESSIONAL ENGINEER TO INSPECT ALL CONTROL THE SERVICES OF A LEGENZARD COLLEGE WITH LAW NUMBER 7 OF JULY 19, 1985 AS AMENDED, AND THE OWNER SHALL NOTIFY PEPER WHO HAS BEEN ASSIGNED AS PRIVATE CONSTRUCTION DRIVINGS. THE OWNER SHALL NOTIFY PEPER WHO HAS BEEN ASSIGNED AS PRIVATE TO SHALL NOTIFY THE OWNER SHALL NOTIFY PEPER WHO HAS BEEN ASSIGNED AS PRIVATE TO SHALL NOTIFY THE OWNER SHALL NOTIFY PEPER WHO HAS BEEN ASSIGNED AS PRIVATE TO SHALL NOTIFY THE OWNER SHALL NOTIFY PEPER WHO HAS BEEN ASSIGNED AS PRIVATE TO SHALL NOTIFY THE OWNER SHALL NOTIFY PEPER WHO HAS BEEN ASSIGNED AS PRIVATE TO SHALL NOTIFY THE OWNER SHALL NOTIFY PEPER WHO HAS BEEN ASSIGNED AS PRIVATE TO SHALL NOTIFY THE OWNER SHALL NOTIFY PER WHO HAS BEEN ASSIGNED AS PRIVATE TO SHALL NOTIFY THE OWNER SHALL NOTIFY PEPER WHO HAS BEEN ASSIGNED AS PRIVATE TO SHALL NOTIFY THE OWNER SHALL NOTIFY PEPER WHO HAS BEEN ASSIGNED AS PRIVATE TO SHALL NOTIFY THE OWNER SHALL NOTIFY PER WHO HAS BEEN ASSIGNED AS PRIVATE TO SHALL NOTIFY THE PRIVATE PRIVATE PRIVATE TO SHALL NOTIFY THE PRIVATE PRI INSPECTOR BEFORE CONSTRUCTION PROJECT STARTS.

1.THE EXECUTION OF ELECTRICAL WORK, AS PER DRAWINGS, SHALL BE DONE ACCORING TO ELECTRICAL BY INTERPRETABLE OF THE EXECUTION OF ELECTRICAL WORK, AS PER DRAWINGS, SHALL BE DONE ACCORDING TO ELECTRICAL BY INDUSTRY'S BEST PRACTICES, AND CONSTRUCTED ACCORDING TO RULES AND REGULATIONS ADOPTED BY PERPA ANDIOR OTHER CONCERNING GOVERNMENT AGENCIES, AND WITH CODES STANDARDS BY NEC. NESC, AND OTHER REQUIREMENTS BY IFF, NEPA, NEMA AND ANSI.

1.THE CONTRACTOR IS NOT AUTHORIZED TO MAKE VARAITIONS TO THAT WHICH WAS DESINGED ON THESE DRAWNOS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONSULT WITH DESISIER OR DESIGNATED PROJECTS INSPECTOR ANY DOUBTS OR QUESTIONS REGARDING DRAWINGS INTERPRETATION, WORK EXECUTION, TECHNICAL SPECIFICATIONS OR DISCREPANCIES BETWEEN FIELD EXISTING CONDITIONS AND CONSTRUCTION DRAWINGS.

1.THE OWNER OR ELECTRICAL CONTRACTOR SHALL NOTIFY PREPA BEFORE PROJECT WORK STARTS

SUBMITTING THE WORK START NOTIFICATION DOCUMENT AT THE APPROPRIATE PREPA REGIONAL OFFICE'S ENGINEERING DEPARTMENT. AT LEAST 15 DAYS PRIOR TO WORK START.

1.THE PRIVATE INSPECTOR AND THE ELECTRICAL CONTRACTOR ARE RESPONSIBLE OF ATTENDING TO THE PRECONSTRUCTION MEETING WHICH WILL BE COORDINATED BY THE APPROPRIATE PREPA REGIONAL OFFICE'S ENGINEERING DEPARTMENT.

1.ALL WORK TO BE DONE ON EMERGED INISS, INCLUDING THE PROJECTS GRID CONNECTION POINT, SHALL BE MADE BY PREPARED PERSONNEL. THE OWNER OR ITS REPRESENTATIVE MUST ASSUME (PAY) ALL EQUIPMENT MATERIALS, AND LABOR COST. THE OWNER OR ITS REPRESENTATIVE SHALL REQUEST PEREPA A COST. ESTIMATE FOR THIS PROJECT. THAT WHICH WILL HAVE A VALIDITY OF 90 DAYS.

1.IT IS PROHIBITED TO REALIZE ANY TYPE OF WORK WITHIN PREPA'S RIGHT OF WAY WITHOUT PREPA'S WRITTEN AUTHORIZATION.

1.PREPA SHALL NOT APPROVE PROJECT CONNECTIONS WITH RIGHT OF WAY INVASION OR THAT DO NOT

OBSERVE REQUIRED SAFETY CLEARANCES

SPECIAL NOTES
THE PROJECT'S OWNER WILL PAY TO PREPA:

THE PROJECT SWITCH WILLESTING ELECTRICAL SYSTEM IMPROVEMENT, TO ACCOUNT #CIS 419.08.
 MOUNT OF \$2.475.00 EXISTING ELECTRICAL SYSTEM IMPROVEMENT, TO ACCOUNT #CIS 419.08.
 REQUIRED WORK EVALUATED FOR THIS PROJECT FROM #J.192022.
 THIS CONTRIBUTION IS MADE ACCORDING TO THE PROPOSED LODG AS ESTABLISHED BY THE REGULATIONS FOR

DETERMINING AND COLLECTING CONTRIBUTIONS FROM INDIVIDUALS OR INSTITUTIONS OF ACTIVE DEVELOPMENT PROJECTS.

2.2LUMA SHALL NOT CONNECT THE PROJECT TO THE GRID UNTIL THE OWNER HAS ESTABLISHED REQUIRED

RIGHT OF WAY ACCORING WITH THE REGULATIONS FOR PREPARIGHT OF WAY. THIS NOTE APPLIES TO ANY RIGHT OF WAY REQUIRED. BE IT WITHIN OR WITHOUT THE PROJECT'S LIMITS.

RIGHT OF WAY REQUIRED, BE IT WITHIN OR WITHOUT THE PROJECT'S LIMITS.

2.3THE INSTALLATION OF METERING DEVICES SHALL BE COORDINATED WITH THE CORRESPONDING PREPA
REGIONAL METERING OFFICE. THE DESIGNER OR THE ELECTRICAL CONTRACTOR SHALL CONSULT WITH

THIS OFFICE THE SELECTION AND LOCATION OF METERING FOUIPMENT AND MATERIALS 2.4THE INSTALLATION OF SUBSTATIONS, TRANSFORMERS OR OTHER ELECTRICAL EQUIPMENT ABOVE SEWER

3. MATERIALS
3.1 ALL EQUIPMENT AND MATERIALES TO BE USED DURING CONSTRUCTION MUST COMPLY WITH IEEE, ANSI, NEMA AND ASTM STANDARDS.

3.2THE CONSTRUCTION MUST COMPLY WITH IEEE, ANSI, NEM.
AND ASTM STANDARDS.

USED HAS BEEN APPROVED BY PREPA PREVIOUS TO INSTALLATION. PREPA RESERVES THE RIGHT TO

USED HAS BEEN APPROVED BY PREPARENCES TO INSTALLATION. PREPARESERVED THE ASSULT OF ACCEPT ANY COLUMENT TO BE TRANSFERRED TRANSFORMERS AND SUBSTATION ENCLOSURES, TO BE ASSULTED THE COLUMENT AND MATERIALS, INCLUDING THAT ANY COLUMENT AND SUBSTATION ENCLOSURES, TO BE INSTALLED WITHIN ONE MELLE OF A SALT WATER BODY SHALL BE MADE OF STANLESS STEEL, WITH THE EXCEPTION OF METERING BASES.

3.4UNDERGROUND SYSTEM SHALL USE 15KV CABLE TERMINATIONS FOR DISTRIBUTION VOLTAGES, AND 46KV, FOR 38KV LINES. 3.50VERHEAD SYSTEM SHALL USE 15KV POLYMER INSULATORS FOR DISTRIBUTION VOLTAGES, AND 46KV, FOR

3.6THE CONTRACTOR SHALL BE RESPONSIBLE TO LABEL ANY TRANSFORMER TO BE TRANSFERRED TO PREPA WITH A PROPERTY NUMBER PROVIDED BY THE RESPECTIVE DISTRIBUTION ENGINEERING DEPARTMENT.

4. SYSTEMS
4.1THE PROJECT OWNER SHALL BE RESPONSIBLE OF PERFORMING ACCEPTANCE TESTS OF PRIMARY AND
SECONDARY CABLES WITH TERMINATIONS, TEST RESULTS SHALL BE WITHIN PREPA ACCEPTANCE
PARAMETERS. ACCEPTANCE TESTS SHALL BE COORDINATED WITH A REPRESENTATIVE OF THE RESPECTIVE
DISTRIBUTION ENGINEERING DEPARTEMENTS INSPECTION OFFICE.

4.2CABLE SHALL BE PROTECTED AGAINST HUMDITY AND ABRASSIONS DURING INSTALLATION. THE CONTRACTOR IS RESPONSIBLE TO INSTALL CABLES USING ONLY RECOMMENDED PULLING PRACTICES TO PREVENT EXCEEDING THE SPECIFIED PULLING TENSION. 4.3MANHOLE LIDS TO BE INSTALLED ON THE PLANTING AREA SHALL BE PROTECTED BY A REINFORCED

CONCRETE SLAB AS SPECIFIED IN PREPA STANDARD URD-52.
4.4RISER CONDUIT SHALL BE PVC SCHEDULE 80 OR FIBERGLASS, AS APPROVED BY PREPA, IN ALL PROJECTS

LOCATED WITHIN ONE MILE OF A SALT WATER BODY, 4.4UNDERGROUND TRENCHES FOR ELECTRICAL DUCTS SHALL BE INSPECTED BY PREPA BEFORE BACKFILLING

AND COMPACTING.
4.5UNDERGROUND TRENCH FOR ELECTRICAL DUCTS EXPOSED TO VEHICULAR TRAFFIC SHALL BE PROTECTED

BY A CONCRETE ENVELOPE. THESE TRENCHES SHALL HAVE A 13 INCHES CLEARANCE FROM OTHER UTILITY INSTALATIONS AND 24 INCHES CLEARANCE FROM WATER WITH PRESION OR FUEL UTILITIES.

4.6THE CONTRACTOR SHALL PROVIDE A REPLACEMENT MATCHING FUSE FOR EVERY FUSE INSTALLED IN EACH SUBSTATION OR TRANSFORMER.
4.7CONNECTORS USED GROUNDING ANTHENAS AND SUBSTATION SHALL BE EXOTHERMIC WELDING

(THERMO-WELD) OR COMPRESSION TYPE.
4.8 THE CONTRACTOR SHALL PROVIDE A FISHWIRE IN EVERY SPARE CONDUIT.
4.8 SHE ONTRACTOR SHALL PROVIDE A FISHWIRE IN EVERY SPARE CONDUIT.
4.8 SHE ONTRACTOR SHALL HAVE A MAXIMUM GROUND TO EARTH RESISTANCE OF 10 OHMS. A GROUNDING ROD SHALL BE INSTALLED TO GROUND THE NEUTRAL WIRE EVERY FOURTH POLE OR 1,000 FEET, AND IN EVERY TRANSFORMER

4.10EVERY POLE CONCRETE BASE SHALL INCLUDE TWO SPARE CONDUITS FOR FUTURE USE, AS REQUIRED BY

4.11POLE BASES, PRIMARY AND SECONDARY UNDERGROUND FEEDERS SHALL BE INSPECTED BY LUMA DURING

P.R.E.P.A. NOTES:
1. ALL WORK ON EXISTING LINES SHALL BE DONE BY P.R.E.P.A. AT OWNERS EXPENSE

2.CONTRACTOR TO COORDINATE POINT OF CONNECTION AT P.R.E.P.A. LOCAL OFFICE BEFORE CONSTRUCTION BEGINS SUBMITTAL OF WRITTEN EVIDENCE IS REQUIRED.

ALL EQUIPMENT SHALL BE CONSTRUCTED ACCORDING TO ANSI, NEMA, AND P.R.E.P.A. STANDARDS.
 ALINSTALL APPROVED PREFABRICATED RELIEF STRESS CONES AT ALL TERMINATIONS OF PRIMARY CABLE AS

5 BLADES AND FUSES SHALL ALWAYS BE CLEARED AT LEAST SIX (6) INCHES FROM METAL PARTS.

OPEN BLADE OF FUSES PRIMARY SWITCH SHALL BE DEENERGIZED WHEN OPEN.
CONTRACTOR SHALL SUPPLY ONE SPARE FUSE FOR EACH PRIMARY HOLDER.

AT ONE (1) MILE FROM THE SEA ALL FOURMENT SHALL BE STAINLESS STEEL

9 CONTRACTOR SHALL COORDINATE ELECTRICAL CROSSING OVER HIGHWAYS WITH THE DEPARTMENT OF

10.ALL CONSTRUCTION WORK SHALL BE DONE IN A THOROUGH AND WORKMANLIKE MANNER IN ACCORDANCE WITH THE PLANS SPECIFICATIONS AND CONSTRUCTION DRAWINGS. THE LATEST EDITION OF THE NEC SHALL BE FOLLOWED EXCEPT WHERE LOCALS ARE MORE STRINGENT, IN WHICH CASE, LOCAL REGULATIONS SHALL

METER SHALL BE BY ALL MEANS ACCESSIBLE TO P.R.E.P.A. METER READERS.

12 TRANSFORMER TO BE INSTALLED SHALL COMPLY WITH COMPENSATED LOSS PARAMETERS AS DESCRIBED IN P.R.E.P.A. CIRCULAR 94-06.

13. P.R.E.P.A. ENDORSEMENT OF THIS PROJECT WILL EXPIRE IN ONE YEAR AFTER EMISSION

14 ALL NEW ELECTRICAL RIGHT OF WAYS SHALL BE GRANTED TO P.R.E.P.A., PRIOR TO FINAL CONNECTION TO

P.R.E.P.A. ELECTRICAL SYSTEM.

15.THE COST OF THE PRIMARY LINE CONNECTION HAS TO BE COORDINATED WITH P.R.E.P.A. AND IT WILL BE AT

OWNERS EXPENSE 16.THE OWNER MUST COORDINATE WITH P.R.E.P.A. REGIONAL OFFICE THE PRIMARY VOLTAGE BEFORE

PURCHASING TRANSFORMERS.

17. THE OWNER WILL PAY P.R.E. P.A. FOR IMPROVEMENTS OF DISTRIBUTION LINES, ALL PAYMENTS MUST BE MADE BEFORE CONSTRUCTION BEGINS.

18. "SE UTILIZARAN AISLADORES DEL TIPO POLIMERO DE SILICON SEGUN COMUNICADO 00-02",

#### NOTAS ESPECIALES DEL ESTUDIO DE CAMPO:

1. PARA SERVIR EL PROYECTO EL DUEÑO REALIZARÁ LOS SIGUIENTES TRABAJOS:

1.PARTE DE LOS TRABAJOS A SER REALIZADOS O PAGADOS POR EL DUEÑO DEL PROYECTO SEGÚN ESTE INFORME REPRESENTARAN UNA MEJORA AL SISTEMA ELÉCTRICO DE LA ZONA POR LO QUE SE EXIME AL MISMO DEL PAGO DE APORTACIÓN POR LA CARGA TOTAL PROPUESTA EN KVA. EN CASO DE VARIAR ESTA CARGA TOTAL SERÁ NECESARIO REVISAR ESTE RENGLÓN.

1.EXTENDER EL ALIMENTADOR PRIMARIO AÉREO DESDE EL PUNTO DE CONEXIÓN HASTA EL PUNTO DE ENTREGA COORDINAR UBICACIÓN EXACTA CON EL SUPERVISOR DE INGENIERÍA DE LA REGIÓN. CORRESPONDIENTE, DEBERÁ IDENTIFICAR EL "PUNTO DE ENTREGA" EN LOS PLANOS DE DISEÑO, SEGÚN EL REGLAMENTO COMPLEMENTARIO AL CÓDIGO ELÉCTRICO NACIONAL Y EL REGLAMENTO DE TÉRMINOS Y CONDICIONES GENERALES PARA EL SUMINISTRO DE ENERGÍA ELÉCTRICA.

2.DICHA EXTENSIÓN DEL ALIMENTADOR PRIMARIO TRIFÁSICO DEBERÁ SER EN CALIBRE 3/0 ACSR POR UNA DISTANCIA APROXIMADA DE 595 PIES, DESDE EL PUNTO DE CONEXIÓN HASTA EL ÚLTIMO POSTE O PLINTO DE ENTREGA

3.EL DUEÑO DEL PROYECTO DEBERÁ CONFIRMAR CON EL GERENTE DE DISTRITO TÉCNICO CORRESPONDIENTE EL VOLTAJE PRIMARIO A SER UTILIZADO, PREVIO A LA COMPRA DE LOS TRANSFORMADORES

4 OBTENER Y GESTIONAR TODOS LOS ENDOSOS DE LAS AGENCIAS REGULADORAS PERTINENTES TALES

DEPARTAMENTO DE RECURSOS NATURALES Y AMBIENTALES (DRNA) - DECLARACIÓN DE IMPACTO AMBIENTAL (DIA).

INSTITUTO DE CULTURA PUERTORRIQUEÑA - DIVISIÓN DE PERMISOS ARQUEOLÓGICOS.

CUERPO DE INGENIEROS DE ESTADOS UNIDOS

DEPARTAMENTO DE TRANSPORTACIÓN Y OBRAS PÚBLICAS ESTATAL O MUNICIPAL

JUNTA DE PLANIFICACIÓN, OFICINA DE GERENCIA Y PERMISOS (OGPE).

OTRAS AGENCIAS GUBERNAMENTALES, FEDERALES Y PRIVADAS REQUERIDOS PARA EL DESARROLLO DEL PROYECTO

12 PARA SERVIR EL PROYECTO, LUMA REALIZARÁ LOS SIGUIENTES TRABAJOS CON CARGOS AL DUEÑO. 13. CONECTARÁ EL PROYECTO EN EL PUNTO DE CONEXIÓN.

14. REALIZARÁ CUALQUIER OTRO TRABAJO NECESARIO EN LÍNEAS ENERGIZADAS QUE NO ESTÉ CONTEMPLADO EN ESTA EVALUACIÓN Y QUE SEA NECESARIO PARA COMPLETAR ESTE PROYECTO FURMPLOS DE ESTOS TRABAJOS PUEDEN SER DESENERGIZAR TEMPORERAMENTE EL ALIMENTADOR O

LA INSTALACIÓN DE BARRERAS PROTECTORAS AISLATIVAS Y/O TIERRAS EN LAS UNIDADES SECCIONADORAS CERCANAS.

15.EL DUEÑO DEL PROYECTO, UNA VEZ SEA ENDOSADO EL PLANO DE DISEÑO Y CONSTRUIDA LA NUEVA TOMA DE SERVICIO SOLICITARÁ LA PREPARACIÓN DEL ESTIMADO DE LOS TRABAJOS DESCRITOS EN EL INCISO. ANTERIOR, DEBERÁ SOLICITAR UN REFERIDO DE PAGO, PARA REALIZAR LAS MEJORAS, UNA VEZ REALIZADO EL PAGO, DEBERÁ SOMETER COPIA DE LA EVIDENCIA DE ESTE A LA OFICINA INGENIERÍA DE LA REGIÓN DE ARECIBO, CON TRES MESES DE ANTICIPACIÓN AL COMIENZO DE LOS TRABAJOS.

16A MENOS DE UNA MILLA DE DISTANCIA DE LA COSTA O CUERPOS DE AGUA SALADA TANTO LOS EQUIPOS COMO LOS MATERIALES DEBERÁN SER EN ACERO INOXIDABLE, Y EL CONDUCTOR A UTILIZAR SERÁ ACAR (ALUMINUM CONDUCTOR ALLOY REINFORCED) ASAC (ALL ALUMINUM ALLOY CONDUCTOR) ACSR/AW (ALUMINUM CONDUCTOR STEEL REINFORCED WITH ALUMOWELD CORE WIRE) SEGÚN COMUNICADO TÉCNICO 07-04

17. ESTE PROYECTO REQUIERE CONTRATO DE CUENTAS AL POR MAYOR, EL CUAL ES REQUISITO QUE SE FIRME PREVIO A LA ENERGIZACIÓN DEL PROYECTO, EL TIPO DE MEDICIÓN LOS FOLIPOS A LITUZARSE Y LA UBICACIÓN DEL EQUIPO DE MEDICIÓN FUE COORDINADA METERING STANDARD & PROCEDURE UTILITY TRANSFORMATION \*

18.ESTA EVALUACIÓN DEL PUNTO DE CONEXIÓN NO CONSTITUYE UNA REVISIÓN DEL PLANO DE DISEÑO. EL DISEÑADOR ES RESPONSABLE DE CUMPLIR CON LOS CÓDIGOS, REGLAMENTOS, MANUALES, ESTÁNDARES Y NORMAS APLICABLES VIGENTES PARA LOS SISTEMAS ELÉCTRICOS EN PUERTO RICO. ADEMÁS, DEBERÁ CUMPLIR CON LOS REGLAMENTOS DE ORDENACIÓN DE LA INFRAESTRUCTURA EN EL ESPACIO PÚBLICO (REGLAMENTO DE PLANIFICACIÓN NÚMERO 22). SEGÚN EXIGE LA OFICINA DE GERENCIA DE PERMISOS (OGPE). LOS SISTEMAS DE DISTRIBUCIÓN Y TRANSMISIÓN A DESARROLLARSE EN ESTAS ZONAS DEBERÁN SEGUIR LAS GUÍAS ESTABLECIDAS POR ESTE REGLAMENTO.

19.EL DUEÑO DEL PROYECTO O SU REPRESENTANTE DEBERÁ NOTIFICARLE A LA OFICINA DE INGENIERÍA DE LA REGIÓN DE ARECIBO EL COMIENZO DE LA OBRA POSTERIOR AL ENDOSO DE LOS PLANOS Y PREVIO A LOS TRABAJOS ELÉCTRICOS DEL PROYECTO PARA LA REQUERIDA INSPECCIÓN, APROBACIÓN Y COORDINACIÓN NECESARIA

20 LA CERTIFICACIÓN ELÉCTRICA PARA LA INSTALACION DEL GENERADOR TIENE QUE ESPECIFICAR EL TIPO DE INTERRUPTOR DE DOBLE TIRO UTILIZADO, SEA MANUAL O AUTOMÁTICO, ESTA CERTIFICACIÓN TIENE QUE ACOMPAÑARSE CON EL FORMULARIO "REGISTRO DE LA PLANTA DE EMERGENCIA". LA CERTIFICACIÓN DE INSTALACIÓN ELÉCTRICA ASÍ COMO EL REGISTRO DE LA PLANTA ELÉCTRICA SERÁN ENTREGADOS POR EL PERITO O INGENIERO ELECTRICISTA QUE INSTALE EN LA ETAPA DE INSPECCIÓN DEL PROYECTO, ADEMÁS PRESENTARA LAS ESPECÍFICACIONES TÉCNICAS DEL INTERRUPTOR DE DOBLE TIRO, SI UTILIZA UNO

\*\*\*AUTOMATICO, SECÚN COMUNICADO TECNICO 05-02

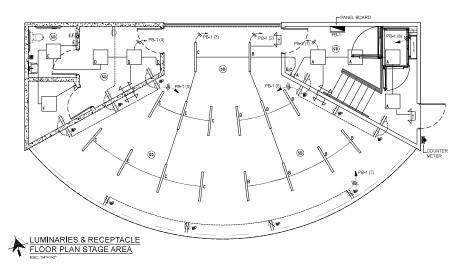
JSIGO REET **IEDUL** BT ST ES-ഗ് SiЩ ICAL PANELS NERAL NOTE UBLICA JOS D AT BETAN I GRANDE, F LE/PAGE ELECTRICAND GENE PLAZA PL LOCATED SABANA ( TILE/PAGE ELECTRI

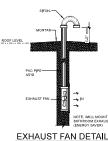




DRAWING NUMBER:

ES103





CONDUIT 2'Ø TYPE F

ELECTRICAL DISTRIBUTION PANEL TABLE PB-1										
DESIGNATION		BREA	KERS		NO. OF WIRE	CONDUIT	CARGO TO SERVE			
	CIRC.#	VOLTS	POLES	AMPS.	(THIVA)					
	1-4	120	- 1	20A.	3NO.12	3/410	LIGHTS			
	5-6	120	- 1	20A.	3NO,12	3/4%	RECEPTAGULES			
	7	120	- 1	20A.	3NO.12	3/4%	RECEPTACULES (FLOOR)			
	8	120	- 1	20A.	3NO.12	3/410	ELEVATOR			
	9	120	- 1	20A.	3NO.12	3/41/0	SMOKE DETECTORS			
	10.10	120	,	204	2NO 12	2/459	20488			

## ELECTRICAL LEGEND



- CEILING OUTLET FOR LIGHT LED LINEAR 48" INCHES.

- CEILING OUTLET FOR LIGHTING FIXTURE.

- CELING OUTLET FOR LIGHTING FIXTURE.

DUPLEX GROUNDING CONVENENCE RECEPTACLE, 15 AMPS, 125 VOLTS, TAMPER PROOF, AT 18" A.F.F. UNLESS OTHERWISE INDICATED, (C--GROUND FAULT FEED THEU TYPE).

SAME AS ABOVE BUT AT 3"-6" A.F.F.

SAME AS ABOVE BUT AT 3"-6" A.F.F.

SAME AS ABOVE BUT AT 4"-6" A.F.F.

SAME AS ABOVE BUT AT 0"-6" OVER THE COUNTER

SAME AS ABOVE BUT AT 0"-6" OVER THE COUNTER

SAME AS ABOVE BUT AT WITH WATER PROOF COVER AT 18" A.F.F.

RANGE RECEPTACLE, 250 VOLTS, 50 AMPS, 36" A.F.F.

2 POLES SWITCH, 30 AMPS, 250 VOLTS, WITH PILOT LIGHT, 4"-0" A.F.F.

CHMART SWITCH)

DIMMER 3 WAYS SWITCH)

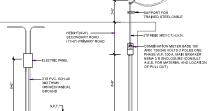
DATA/TELEPHONE OUTLET AT 18" A.F.F.

- DATA/TELEPHONE OUTLET AT 18" A.F.F.
- SAME AS ABOVE BUT 3'-6" A.F.F.
- T.V. ANTENNA OUTLET AT 18" A.F.F.

- T.V. ANTENNA OUTLET AT 18" A.F.F.
PANLEDAGP AS PANEL SCHEDULE.
JUNCTION BOX FOR TELEPHONE.
JUNCTION BOX FOR CABLE TV.
METERBASE REFER TO ONE LINE DIAGRAM.
BUZZER AND TRANSFORMER, 6"-6" A.F.F.
DOOR PUSHBUTTON, 4"-0" A.F.F.
EPHAUST FAN. REFER TO MECHANICAL DRAWINGS.
SAFETY OR DISCONNECT SWITCH. REFER TO ELECTICAL PLAN.
CELLING MOUNTED JUNCTION BOX FOR KITCHEN HOOD, 5"-6" A.F.F.
WALL MOUNTED JUNCTION BOX FOR KITCHEN HOOD, 5"-6" A.F.F.

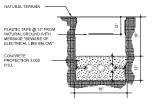
- EMERGENCY EXIST SIGN.

4 - EMERGENCY LIGHTS. - SMOKE DETECTOR

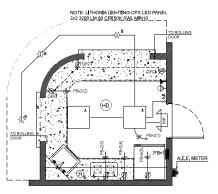


218 PVC, SCH,40 — 382 THWN 1#6 MECHANICAL

ELECTRIC DIAGRAM



DETAIL OF ELECTRICAL TRENCH





ELECTRICAL DISTRIBUTION PANEL TABLE PB-2										
DESIGNATION TYPE		BREA	KERS		NO. OF WIRE	CONDUIT	CARGO TO SERVE			
	CIRC.#	VOLTS	POLES	AMPS.	(THVN)					
	- 1	120	- 1	20A.	3NO.12	3/47/0	LIGHTS			
	2-4	120	- 1	20A.	3NO.12	3/47/0	RECEPTACULES			
	5	120	- 1	20A.	3NO.12	3/4767	REFRIGERATOR			
	6-10	120	- 1	20A.	3NO.12	3/4"/0	SPARE			

CVS CONSILTEN

PLAN

POWER FAREA

PROJECT
PLAZA PUBLICA JOSE A, BUSIGO
LOCATED AT BETANCES STREET
SABANA GRANDE, PUERTO RICO
TITLE INSEE
ELECTRICAL LIGHTING & POWER
STAGE AREA AND KIOSK AREA

W. CARGORNI W. CARGONNI W. CARGONNI O CONTROL MATTRA CONTROL MATTR





DRAWING NUMBER:

E101

Digitally signed by: Carlos II Viscoust Duty, 2004.01.23 16:44:52